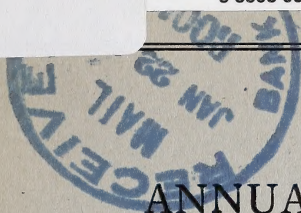


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ANNUAL REPORT

OF

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THE MINES BRANCH

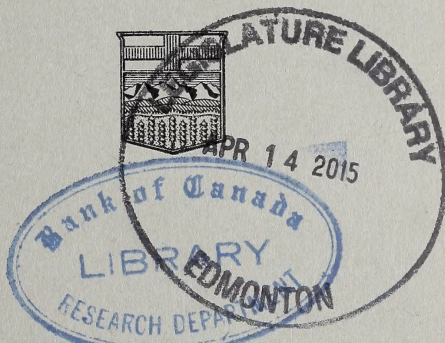
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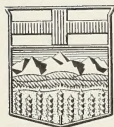


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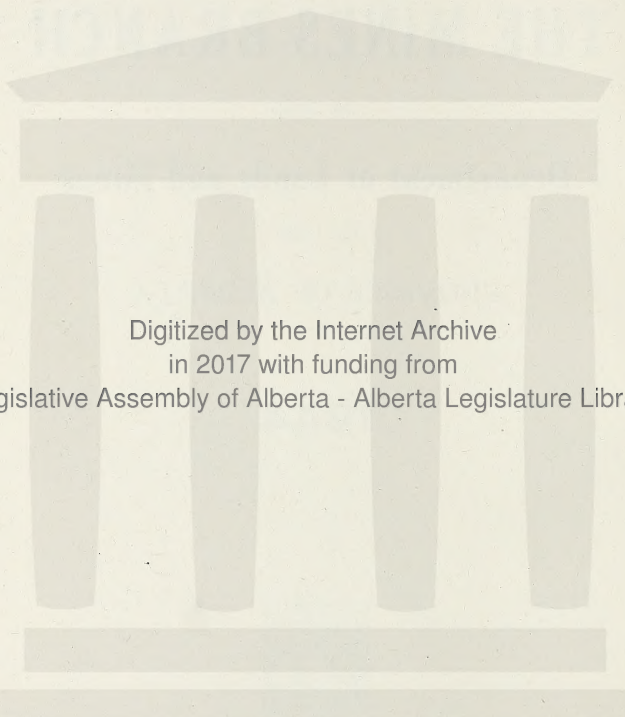
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ANNUAL REPORT
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Edmonton, Alberta,
February 24, 1945.

TO THE HON. E. TANNER,
Minister of Lands and Mines.

SIR:

I herewith submit the report of The Mines Branch for the year ending December 31, 1944.

Respectfully Submitted,

JOHN CRAWFORD,
Chief Inspector of Mines.

ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31, 1944

(JOHN CRAWFORD, *Chief Inspector*)

The output of coal produced from mines in the Province during the year was 7,427,433 tons, with a valuation of \$26,741,357. This valuation shows an increase of \$2,706,236 over \$24,035,121 for 1943.

The disposition of coal during the year was as follows:

	Tons
Sold for consumption in Alberta	1,424,293
Sold for consumption in other Provinces	2,447,225
Sold to Alaska	1,064
Sold to the United States	266,664
Sold to railroad companies	2,583,101
Used in ship's bunkers	20,296
Used making briquettes	239,608
Used making coke	101,633
Used under colliery boilers	172,374
Used by colliery railroads	5,659
Put to stock	40,649
Put to waste	152,276

The above tonnages include coal lifted from stock and waste heaps, which is not included in the total output.

Of the above output, 766,372 tons were produced by 45 strip pits operating in the Province.

It will be noted in table showing the disposition of coal during the year, that two new outlets are shown, Alaska and ship's bunkers. While the tonnages shown are not large, the trend is highly desirable and increased tonnages hoped for.

In addition to the above output, there were 331 tons reported as mined by farmers under permit, for their own use.

During the year, 4 shale pits produced 45,360 tons of shale and clay, from which 15,519,048 bricks and 8,523 tons of hollow tile were made. The production of shale and clay has increased by 14,928 tons during the year, and the number of bricks made has increased by 3,981,246. A very significant increase in hollow tile is evidenced, amounting to 5,023 tons. These figures present an exceedingly bright picture for the clay products industry.

There were 202 mines producing coal during the year, of which 5 were opened, 13 re-opened, 11 abandoned, and 42 closed. At December 31st, 1944, 180 mines were in operation.

There were 8,943 men employed during the month of December, this being an increase of 307 for the corresponding month of 1943.

The number of Emergency Coal Miners' Certificates issued by the Branch during the year is substantially the same as last year, and same have been of great assistance to the mines during this trying period of man-power shortage. To December 31st, 591 of these certificates were issued.

Samples of mine air were taken during the year by the Inspectors, and sent to the Chemistry Branch of the Department of Mines, Ottawa, for analysis. This has been done in addition to tests made with M.S.A. Methane and other gas detectors.

Samples of coal were collected and forwarded to the Industrial Research Council, University of Alberta, for analysis.

All fatal and serious accidents have been investigated by the Inspectors, who also attended the inquests held in their districts, this being in addition to the regular inspection of the mines. All complaints made to the Department were also investigated.

There were 14 prosecutions instituted for contravention of The Mines Act, made up as follows: 2 chute loaders, 1 stopping builder, 1 mine manager, 2 drivers, 4 miners, 1 fireboss, 1 rollerman, 1 labourer, 1 farmer.

The increase in the use of protective equipment in the mines of the Province during the year is very satisfactory. This equipment is reported as 4,333 hard hats, 2,496 pair of safety shoes, 758 pair of goggles, and 271 pair of knee caps. This shows an increase of 848 hard hats, 350 pair of safety shoes, 433 pair of goggles and 236 pair of knee caps.

The purchased electrical power by the mines was 39,349,384 k.w. hours, which shows a small drop from the previous year.

During the year all the electrical plants and equipment at the mines were inspected, and at the end of 1944 there were 76 mines that were electrified, and in addition 6 mines have electric mine lamps, signals or telephones.

The following mines were electrified during the year: Castle Coal Co., Ltd., Wayne; Reliance Mine, Delia; Black Nugget Coal Co., Ltd., Dodds; D. J. Gwilliam, Namao; Birnswel Coal, Ltd., Eyre-more; Majestic Mines, Ltd., Taber; Western Ventures, Ltd., Taber; Continental Coal Co., Ltd., Grassy Lake.

A great deal of new equipment has been installed in and around the mines during the year. This equipment will be found listed under the District Inspectorate reports. It should be noted that electrification and mechanization of the mines moves forward in very close step. This indicates definitely that a spirit of progress and expansion is rapidly unfolding in the various mining regions of the Province.

A number of strikes have taken place during the year, but they were all concerned with local issues and did not disturb production to any great extent.

I am pleased to report that the number of fatal accidents for the year was 10, compared with 25 for 1943, showing a reduction of 60 per cent. It should also be noted that for each fatal accident in the Province, 742, 743 tons of coal were produced. In view of the large tonnage of coal produced, this can be considered as a very remarkable experience.

Five fatal accidents were due to haulage, three to falls of top coal, one to cave of roof, and one from coal and timber coming down on workman while bucking coal in a chute.

While the industry has had its man-power problems, we cannot rightly say that any serious loss in production has taken place on this account, as the trend toward mechanization has to a great extent, offset the man-power shortage. A great deal of credit is due to all concerned, in being able to carry the demand load in a very satisfactory manner, through a most difficult year, without loss of production due to operating causes.

During the year the following changes took place in the Inspectorate: Mr. A. A. Millar resigned as Chief Inspector of Mines to take the position of General Manager for the West Canadian Collieries,

Ltd., at Blairmore, and was succeeded by Mr. John Crawford; Mr. A. B. Hunter took over the duties of District Inspector for the Edmonton-Camrose area; Mr. J. A. Dutton was appointed Assistant Chief Inspector of Mines, and was succeeded by Mr. J. D. B. Brown, formerly of the Alexo Coal Co., Ltd., as District Inspector of Mines for the Drumheller area.

SUMMARY OF INFORMATION, COMPILED FROM THE REPORTS OF THE DISTRICT INSPECTORS

(J. A. DUTTON, *Assistant Chief Inspector, Edmonton*)

At the commencement of the year, I held the position of District Inspector of Mines for the Drumheller Area, which position I held until my appointment in June to Assistant Chief Inspector of Mines.

In the Drumheller Area, 48 complete mine inspections were made, in addition to inspections made to investigate the cause of serious and fatal accidents.

On January 4th, Geo. Brown, driver, employed at the mine operated by the Regal Coal Co., Ltd., East Coulee, slipped and rolled under an empty mine car, causing fractured pelvis, from the effects of which he died two days later.

On May 29th, Roland Levesque, driver, employed by the Commander Coal Co., Drumheller, was found dead in the mine under a loaded car. The cause of this accident is unknown. Death was due to asphyxiation, broken ribs and lacerations.

In addition to attending inquests held on the above fatalities, an inquest was also held on January 4th to inquire into the death of Julius Neilsen, who was killed in a mine accident on December 29th, 1943.

I presided at examinations for third class certificates, also first class and mine surveyors' certificates of competency, held in Drumheller on May 30th and June 6, 7 and 8.

After my appointment to Assistant Chief Inspector of Mines, in addition to these duties, 17 mines were transferred from Mr. A. B. Hunter to my charge. Three are in the Whetstone Area, five in the Pembina Area, six in the Harcourt Area, two in the High Prairie Area and one classified as No Area.

There were only 11 of these mines in operation during the year.

All the mines mentioned above are small mines within the meaning of The Mines Act, and I am pleased to report that there were no fatalities or serious accidents reported. Each mine operating was inspected once by myself during the latter half of 1944.

An official visit was made to the Newcastle Collieries, Ltd., Mine No. 620, at Drumheller, on December 20th, as the result of a mine fire believed to be caused by the arcing of electric wires, resulting from a small cave. The fire area is now sealed off and has every indication of being inactive.

Four other visits were made to mines in the Edmonton area to investigate complaints and serious accidents.

A new strip mine is to be opened up early in January, 1945, a few miles south of the southern border of the Harcourt Area, and 35 miles southwest of Grande Prairie, and this mine will be known on our records as the Pinto Creek Collieries.

EDMONTON-CAMROSE INSPECTION DISTRICT

(A. B. HUNTER, *District Office, Edmonton*)

There was only one ignition of gas, which occurred at a prospect shaft sunk by M. Sinoski on L.S.D. 15 of Section 23, Township 51, Range 25, West of the 4th Meridian, near Ellerslie, on July 17th, when Herman Burchat, a miner, struck a match at the bottom of the shaft, causing slight burns to himself on face and hands. Previous tests for gas were reported to have been made from time to time, which had not disclosed its presence. The shaft was sunk to a depth of 80 feet to where the seam had been penetrated, and exposed a small feeder of Methane gas. The mine was immediately put on a safety lamp basis.

The following new installations were made during the year:

Mine No. 1357, Red Hot Coal Co., Ltd., Edmonton, has electrified the mine to include the operation of coal-cutters, pumps, hoist and fan.

Mine No. 1366, Beverly Coal Co., Ltd., Edmonton, installed a new coal crusher to meet the demand for stoker coal.

Mine No. 1393, Ottewell Coal Co., Clover Bar, installed a gasoline loader and a bulldozer for stripping operations.

Mine No. 1496, D. J. Gwilliam, Namao, introduced electricity to operate a surface fan used for mine ventilation.

Mine No. 1316, Samis Collieries, introduced electricity in the mine for the purposes of coal-cutting, pumping and mine ventilation.

Mine No. 1266, Edmonton Collieries, Ltd., Namao, has introduced electricity in the mine, and they are using it at present for pumping water.

Mine No. 1582, Egg Lake Coal Co., Morinville, has erected a small tippie and a gasoline hoist.

Mine No. 1322, John Lynass, Delburne has built a small tippie and installed a weigh pan.

Mine No. 251, John Tyrlik, Heisler, has built a small tippie at his new opening and installed a gasoline hoist.

Mine No. 289, Bailey and Skage, has erected a tippie at the new shaft and installed a skeep in the shaft.

Mine No. 1240, W. T. and W. J. Phillips, Castor, has installed a larger air compressor on the surface.

Mine No. 1046, J. F. Cordel, Halkirk, has installed a new Ingersoll-Radial coal cutter.

Mine No. 1107, Black Nugget Coal Co., Ltd., has built a new ramp and tippie with screens, operated electrically by purchased power.

At the beginning of the year, there were 108 mines in this district, of which 21 were transferred as follows: 10 mines to the District Inspector at Drumheller, Mines Nos. 864, Big Valley Area, Nos. 113, 384, 690, 710, 921, 1226, 1283, 1499 and 1538, Carbon Area; 11 mines were transferred to Mr. Dutton, Assistant Chief Inspector, these being all mines in Halcourt, High Prairie and Whitecourt Areas.

There were 4 mines abandoned during the year: Nos. 155, Dawson Coal, Ltd., Edmonton; 244, Stoney Creek Collieries, Ltd., Camrose; 707, Bush Mines, Ltd., Beverly; and 1492, John May, Ellerslie.

During the year there were two new mines opened, 724 S. H. Burnstad and 1618 A. T. Miner, and four mines closed temporarily, Nos. 255 F. A. Straub, 760 Red Flame Coal Co., Ltd., 1376 J. A. Ginther, and 1606 H. H. Wright.

Mine No. 289 was taken over by Bailey & Skauge, No. 1297 by R. Klapstein, 1595 by the Yellowknife Transport Company, 1107 by the Black Nugget Coal Co., Ltd., and 1206 by Binder, Sacharak and Bozniak.

Twelve Domestic Coal Permits were issued to farmers to strip coal for their own use.

There were 15 accidents reported during the year as follows:

Mine No. 29—B. Nugent, leg injury, struck by empty car at bottom of slope.

Mine No. 99—Joseph Walters, fractured leg, kicked by a horse; Alex Cormack, fractured foot caused by fall of rock; James Farmer, fractured toes caused by fall of rock.

Mine No. 428—Steve Hryciw, fractured finger, bumped hand against prop; Ernest Pallier, fractured ankle, struck by runaway car; Peter Uchacz, fractured finger, struck by an axe; Frank Toth, fractured arm caused by fall of rock; John Zahary, fractured finger, hand bumped by timber; Jack Jackson, fractured toe caused by fall of rock.

Mine No. 1034—John Chimera, fractured leg, clipped from ladder at bottom of sinking shaft.

Mine No. 1098—Mike Vitaly, fractured leg, arm and chest, caused by fall of rock.

Mine No. 1233—Herman Bouchert, slight burns on face and hands caused by ignition of gas.

Mine No. 1419—Walter Romanowski, back injuries caused by fall of rock.

Mine No. 1427—Alex Hildebrant, fractured ankle, caused by fall of rock.

Most of the mines were inspected twice during the year, making a total of 154 inspections.

During the year, 17 trades names were registered.

One road allowance lease was granted, this to the Red Flame Coal Co., Ltd., Camrose.

Two samples of coal were taken and sent to the Research Council, University of Alberta, for analysis. These were from mines Nos. 953 W. Jones and 1046 J. F. Cordel.

The regular M.S.A. and flame safety lamp tests were made at all mines where safety lamps are used.

From the Edmonton office, 20 Explosive Purchase Permits were issued, and during the year 83 Emergency Coal Miners' Certificates of Competency were issued.

There were 21 strip pits in this district—4 in Ardley Area, 5 in Camrose Area, 3 in Castor Area, 3 in Edmonton Area, 1 in Pembina Area, 2 in Rochester Area, and 3 in Tofield Area. Three pits in Tofield, one in Castor and one in Camrose all ship by rail, the others supply local trade only.

CALGARY INSPECTION DISTRICT

(W. G. HEELEY, *District Office, Calgary*)

At Mine No. 1516, operated by G. C. Davies, Priddis, a 3 ton per hour coal crusher was installed.

At Mine No. 1619, operated by B. Ainsley & Sons, Morley, a 5 ton per hour coal crusher was installed.

A 30 ton per hour briquette installation, estimated at a cost of \$8,000, was made at the Canmore Mines, Ltd., Camrose, also a new tippie, hoist, Sullivan electric undercutting coal cutting machine with the necessary electrical equipment and pneumatic picks. I am pleased to report the pneumatic picks now being used in this seam will improve shot-firing with better preparation for the shots. I am sure that besides improved safety from these picks, shot-firing will be reduced.

In addition, this company is doing considerable prospecting work at Georgetown.

There were 28 mines in the district, two of which were abandoned and one re-opened. Two mines were taken over by new operators and one temporarily closed.

During the year there was one prosecution instituted for a contravention of The Mines Act.

There were 20 accidents reported to the District Office, 5 being serious and 15 slight. All serious accidents were investigated, this being in addition to the regular inspections made.

During the year, 116 regular inspections were made, and in addition, I visited Greenhill, Bellevue, International and McGillivray Creek mines, and accompanied the Edson District Inspector to the explosion at Luscar.

Four trade names were registered during the year.

Two road allowance leases were granted, both to the Canmore Mines, Ltd., Canmore.

Three samples of coal were taken and sent to the Research Council, University of Alberta, for analysis.

From the Calgary office, 20 Explosive Purchase Permits were issued, and during the year 100 Emergency Miners' Certificates were issued in this district.

Three Domestic Coal Permits were issued to farmers to strip coal for their own use. About 300 tons of coal were stripped at one pit at Beynon during the year.

It will be interesting to note there were no labour troubles and no shut-downs in this district during 1944.

At Mine No. 1244, operated by Frank Wheatley & Sons, Banff, the new Edison P type safety lamps are being used. Very few explosives are used in this mine, the coal being mined by pneumatic air picks. All the power used is compressed air, and the mine is in good condition.

The Canada Cement Co., Ltd., operated a shale pit at Seebe. It is a strip pit, and the output varies according to the demand for cement.

Mine No. 256, operated by Brazeau Collieries, Ltd., Nordegg, operating in No. 3 seam, is a safety lamp mine using the P type

Edison electric lamps. No shot-firing is being done in this mine, the coal being mined entirely by pneumatic air picks.

Mine No. 1585, operated by Brazeau Collieries, Ltd., Nordegg, operating in No. 2 seam, is also a safety lamp mine using the P type Edison electric lamps. No shot-firing is done in this mine, the output being mined by pneumatic air picks. A new briquetting unit is under erection at this mine, which is now producing about 650 tons of briquettes per day, and it is expected the new installation will produce 1,100 tons per day.

The Peerless Mine, operated by H. R. Brown at Carbon, Mine No. 1600, is an open light mine producing around 80 tons per day. The coal is machine mined, using Pellet powder for blasting.

Mine No. 1359, operated by Balogh Bros., Carbon, is an open light mine using Pellet powder for blasting. The coal is mined and sheared by a Universal machine. The production is about 25 tons per day, but could be more if miners were available.

Mine No. 1060, East Carbon Mine, operated by Fox Bros., Carbon, is also an open light mine. The coal is machine mined by a Sullivan electric undercutter. They are drawing pillars in the entrance to the north side of the Coulee, and are commencing operations on the south side, using the same tippie for both operations.

The Sovereign Coal mining Co., Ltd., Wayne, Mine No. 1570, is an open light mine using Pellet powder for blasting. The coal is undercut by a Sullivan electric machine.

Mine No. 1544, operated by the Castel Coal Co., Ltd., Wayne, is also an open light mine using Pellet powder for blasting. The coal is mined by a Sullivan undercutting electric machine.

The Western Gem & Jewel Collieries, Ltd., Cambria, is an open light mine using Pellet powder for blasting. The coal is mined by electric undercutting machines.

LETHBRIDGE INSPECTION DISTRICT

(W. E. G. HALL, *District Office, Lethbridge*)

At the Standard and Galt Mines of Lethbridge Collieries, Ltd., there have been installed 500 Model P Edison electric cap lamps and 24 approved shot-firing attachments for this type of lamp. Of the 500 lamps, 275 are in use at the Galt Mine and the balance at the Standard. The shot-firing attachments were distributed in the same ratio.

Also at the Galt Mine there were 2 blower fans equipped with flame-proof motors installed, and one stage 200 G.P.M. centrifugal pump driven by a 15 H.P. motor of the flame-proof type was also put in service. A main and tail electrically driven haulage unit was installed on 23 Butt, No. 1 Face, N.E.

At the Standard Mine the following improvements and additions have also been made: 2 Jeffrey Midget Aerodyne fans have been put in use underground; 1 endless rope haulage unit on 9 Face entry; 1 main and tail haulage unit for use on No. 12 Butt, No. 3 Face entry, this being a temporary installation; 3 Link Belt electrically driven gear reduction units have been placed on the tippie, replacing gear reductions and chain driven units.

Thos. Taylor, Mine No. 1301, has installed a 2 cylinder 6"×10" air compressor, driven by a portable tractor.

At Mine No. 1095, operated by J. C. Chester, a new centrifugal pump with flame-proof motor and starter, has been installed, with a 10 H.P. motor, also a single drum hoist to pull the loads to the slope bottom. The rope and empties are pulled back by horse haulage. This is a temporary installation until a main and tail can be obtained.

At the J. J. Hamilton Coal Co. mine No. 1581, a new main shaft has been equipped with an electrically driven hoist and a new cage. An armoured cable has been hung in the shaft and energized. An old building, 16' $\times$ 12', has been converted into a wash-house with 2 showers and 24 hangers, also a 2 stage 120 G.P.M. centrifugal pump driven by a 20 H.P. flame-proof motor, has been installed in this mine.

There were 28 mines operating in this district during the year, and 4 shale pits. Four mines were closed and four were abandoned, leaving 20 in operation at December 31st.

Two mines were taken over by new operators—Mine No. 1219, Lethbridge, by T. Hagblad, and No. 1536 by L. Oliver, Taber.

During the year, 36 serious accidents were reported to the District Office. The decrease in the number of accidents can be partially attributed to the increased use of protective equipment.

Two trade names were registered during the year, and six road allowance leases were granted by the Branch to mines in this district.

Seven samples of coal were collected and sent to the Research Council, University of Alberta, for analysis. No mine air samples were taken, but tests for gas were made in all mines with flame safety lamps and other approved gas testing devices.

There was one prosecution, same being for illegal mining, and a conviction was obtained.

During the year, 23 Explosive Purchase Permits were issued by the District Office during the year.

I presided at examinations for first, second and third class and mine surveyors' certificates, held at Lethbridge on June 6, 7 and 8.

During the year, 83 Emergency Coal Miners' Certificates were issued, this being an increase of 18 per cent over 1943.

There were 78 inspections made of the mines during the year, in addition to those regarding serious accidents, and all complaints made to the Department were also investigated.

During the year no labour trouble was reported, but the mines in this district suffered slack time for the first four months of the year, which materially affected the production of the underground mines near the City of Lethbridge, but this loss has been more or less taken up by the production from the strip mines.

Of the eight strip coal mines in operation during the year 1943, five are still producing. One has been worked out, one closed, and the third not operating, although it has a considerable tonnage of coal uncovered. The five strip pits operating have facilities for shipping by rail.

At the strip pits the following installations and additions have been made. Mine No. 1334, operated by the Continental Coal Corporation, Ltd., the tippie has been enlarged to double its former capacity by the addition of a new lump screen, an 18-inch belt conveyor, a Tyroc vibrating screen, and a new elevator.

At Mine No. 1404, operated by the Birnwel Coal, Ltd., a new tippie has been constructed with a capacity of 1,500 tons per day, where five sizes of coal are screened.

CROWSNEST INSPECTION DISTRICT

(E. H. MORGAN, *District Office, Blairmore*)

The fire which was first observed at the Greenhill Mine of the West Canadian Collieries, Ltd., Blairmore, on Monday, October 25th, 1943, was finally sealed off in April, 1944. This was done in a manner that it cannot cause any further danger.

At the Bellevue Mine of the same company, at the outcrop of their No. 1 seam, just north of their No. 8 slope hoist, on Saturday, November 4th, some smoke was seen to be rising from the edge. The matter was immediately investigated, and revealed that a small fire had started in one of the holes produced by caving. Seemingly, town refuse had been dumped into some of the cave holes without the knowledge of the company officials, and the fire was immediately put out, and an order has been sent to the town officials prohibiting the dumping of any refuse by any of their employees on any part of the West Canadian property. This fire, if it had passed unnoticed for a few days, could easily have produced a very unpleasant and costly experience. As an added precaution, all accessible cave holes at the surface are being filled with rock and other non-inflammable material.

West Canadian Collieries, Ltd., Bellevue, Mine No. 87, have installed new and better brakes on each of their air locomotives, built a new bridge over the river for hauling coal to their tippie from their Adanac mine, built a new furnace and changed the driers at the tippe, and erected a new building for housing them. They have put in two new Dillon de-watering screens, and below ground they have a new Denver loader for loading entry coal at their No. 9 level, and installed an automatic switch on No. 8 slope.

At the International Mine No. 88, a new hoist house, 27' by 33', and a 350 H.P. single drum electric hoist have been installed at York Creek. The building consists of a stuccoed hollow tile walls and corrugated sheet iron roof. The 6'0" by 3'0" double inlet reversible Jeffrey fan, originally installed at No. 98 airway, has been moved and installed at their new York Creek airway at No. 151 room, and a new brick building erected to house the electric motor and drive. A 6,600 volt power line and transformers to provide electric power for the York Creek area have been installed from their own sub-station to their hoist house at York Creek. New screening equipment and conveyors for handling their fines have been installed at the tippie, and will be operating soon. They have also installed new and better brakes on each of their air locomotives.

At the Mohawk Mine No. 133, Bellevue, they have built practically a new tippie, at least 75% of it has been changed. The entire building, which is 40 feet by 65 feet by 40 feet high, is constructed of reinforced concrete and tile brick, and it is heated throughout by a H.R.T. steam boiler. The washery consists of a 4'6" Vissac jig, having a capacity of 100 tons per hour, of coal sizes from 1¼" to 4½". The raw coal coming from the mine is screened to 1¼", and the coal over 4½" is reduced to 4½" and under by means of a double roll breaker, and it is then passed over a double deck Tyrock

screen, thus removing any fines produced in the breaking process. Fireproof switch rooms have been built to house the starting equipment for all motors on the air tables floor and the Marcus screen floors. These motors are now operated by remote control. Armoured cables are used to connect the motors to the switch rooms.

At the McGillivray Creek Mine No. 204, a hollow tile pump house, 13' by 16', to house a 600 G.P.M. centrifugal pump, has been built recently. This pump is driven by a 75 H.P. motor. They have installed new and better brakes on each of their air locomotives. *Note:* Mines Nos. 87, 88 and 204 are the only mines in this area using air locomotives.

At the Greenhill Mine No. 396, of West Canadian Collieries, Ltd., Blairmore, a new drier for $\frac{1}{4}$ " coal, and the necessary conveyors and two new Cyclones for collecting the dust, have been installed at the tipple. A compressed air hoist has been erected for hoisting coal from a new slope that is being driven in the No. 2 seam, to be later replaced by an electric hoist. An elaborate concrete portal has been built at the entrance to No. 5 level to the No. 2 seam; the haulage road has been re-timbered with steel arches, and the track is all 60 lb. steel.

At the Adanac Mine No. 1584 of this company, a new 24' by 16' frame compressor house, housing two Diesel driven compressors, each having a capacity of 360 c.f.p.m., has been built. Two Gardner Denver loaders are being used for loading coal in driving entries.

There were eight mines operating in this district during the year 1944.

Eight prosecutions were instituted for contraventions under The Mines Act as follows: 2 at the International Mine, 3 at the Mohawk Mine, 1 at the McGillivray Creek Mine, and 2 at the Greenhill Mine.

There were 41 accidents reported to the District Office during the year—4 fatal, 30 serious, and 6 slight. All fatal and serious accidents were investigated, this being in addition to the regular inspections of the mines. Each working place in the larger mines was inspected at least four times during the year, making 103 inspections in all.

There were two trade names registered by the Branch during the year. Two road allowance leases were granted, both to West Canadian Collieries, Ltd., Greenhill Mine, Blairmore.

One sample of coal was collected from the Adanac Mine No. 1584, of West Canadian Collieries, Ltd., Bellevue, and forwarded to the Research Council of Alberta, University of Alberta, for analysis.

Between January and September, 59 samples of mine air were taken from the Greenhill Mine, in and around the fire area, and forwarded to the Chemistry Branch of the Department of Mines and Resources, Ottawa, for analysis.

Seven Explosive Purchase Permits were issued by the District Office during the year, and 120 Emergency Coal Miners' Certificates were issued for this district.

The usual high standard of mine rescue and first aid training is being maintained at the various mines. The use of protective equipment is very satisfactory, but still could be improved on.

A few labour disputes caused a day or so stoppage of work on three occasions at the Bellevue and Mohawk mines.

COALSPUR-MOUNTAIN PARK INSPECTION DISTRICT

(A. MUIR, *District Office, Edson*)

On June 21st, at the Luscar Coals, Ltd., an explosion occurred which injured two persons. Due to heavy precipitation, the airway to the No. 4 west fan-house caved, and was filled with clay on June 15th. The airway below the cave thus became filled with gas. Timbermen began cleaning up the cave on June 16th, and by June 20th had reached a point where a small gas seepage began. This seepage rose to and filled the fan-house, and the two injured persons who were trespassing in the vicinity ignited the gas, causing an explosion.

On July 22nd, a fire occurred underground in the worked-out area of the 6 west entry, No. 2 panel in the No. 1 mine of the Luscar Coals, Ltd. The fire was caused by spontaneous combustion, and was quickly sealed off with concrete stoppings.

On May 3rd the tippie and surface buildings at the Lakeside Coals, Ltd., Robb, were completely destroyed by fire.

On October 29th, the tippie and surface plant at the Coal Valley Mining Co., Ltd., were completely destroyed by fire.

At the Mountain Park Coals, Ltd., Mine No. 282, a 200 H.P. 3600 R.P.M. Canadian Allis Chalmers pump has been put into service underground. A new garage has also been built to accommodate six trucks.

At the Cadomin Coal Co., Ltd., Mine No. 693, a 17-passenger bus has been put into service to transport workmen to and from their work. A power line and telephone line have been installed to the West Mine, and a 60 ton coal bin has been erected.

At Luscar Coals, Ltd., Mine No. 905, a Byron-Jackson centrifugal pump, operating at 3600 R.P.M., driven by a 150 H.P. 550 volt motor, has been installed on their main slope. Three new International 5 ton trucks were put into service hauling coal from their Nos. 2 and 3 mines, to the tippie.

A picking table was put into service at the K-D Collieries, Ltd., Mine No. 1392, at Kaydee.

Lakeside Coals, Ltd., Mine No. 775, has erected a temporary tippie, and a new power plant has been built to replace the one destroyed by fire.

At the Foothills Collieries, Ltd., Mine No. 771, two radial coal cutters and an air compressor have been put into service, also one Sheldon booster fan and motor, and one 2½ ton I.H.C. dump truck.

At the beginning of the year there were 19 mines in the district, of which 6 were transferred to Mr. Dutton, Assistant Chief Inspector of Mines, these being all mines in the Pembina and Whitecourt Areas. Mine No. 1157, operated by the Thirty-two Collieries, Ltd., was temporarily closed.

There were two prosecutions instituted under The Mines Act, both at Mine No. 846, McLeod River Hard Coal Co. (1941), Ltd., Mercoal.

On July 17th, Joe Gagar was fatally injured by a fall of coal at Mine No. 846, and on Nov. 17th, A. Ukergi was buried by a cave-in, in the pillar workings of the No. 2 slope, at Mine No. 282.

A total of 46 accidents were reported to the District Office during the year. All fatal and serious accidents were, investigated and all inquests attended, this being in addition to the regular inspection of the mines.

All complaints made to the Department were also investigated.

During the year one road allowance lease was granted, to the Foothills Collieries, Ltd., Foothills.

The District Office issued 15 Explosive Purchase Permits.

There were 76 complete mine inspections made during the year, in addition to other visits to mines on official business.

Mine No. 693 has opened a strip operation. The overburden is removed by Letourneau scrapers, and the coal loaded by power shovel into trucks, which transport same to the tippie. Two lifts of 20 feet each have been made, and the third lift of 20 feet has been started.

The use of explosives for blasing has been greatly reduced in this district.

All the mines have been free of any serious labour trouble during the year, but the labour shortage is still serious, and has affected the output to some extent.

DRUMHELLER INSPECTION DISTRICT

(J. D. B. BROWN, *District Office, Drumheller*)

A small mine fire occurred at the Red Deer Valley Mine on September 18th, which was caused by a fall of roof on the electric cables, which bared same, causing a short circuit, igniting some timber. This was quickly extinguished.

There was a small ignition of coal at the face of 2 A east entry in the Hy-Grade Mine on December 1st, due to a shot-hole charged with Pellet powder. A fissure filled with fine coal was ignited with the flame from the shot, but was quickly extinguished with water.

On December 18th, a serious fire occurred at the Newcastle Mine, in the vicinity of the transformer house. This fire had gained too extensive a hold before fire fighting equipment could be brought to bear on it, and consequently attempts to deal with it by loading it out were not successful. Eventually it had to be sealed off with temporary stoppings followed with permanent seals. It was six days before the permanent seals were completed. Almost 500,000 gallons of water have been pumped into the fire area through a 6,000 foot 2" pip-line. A length of pipe 6" in diameter was let into one of the stoppings, through which a thermometer is inserted once every eight hours, and the temperature has shown a steady decrease from 110 degrees on December 24th to 86 degrees on December 31st.

The Red Deer Valley Coal Co., Ltd., Mine No. 402, has installed three 75 KVA transformers, 1 Sheldon aerovane fan with 75 H.P. Westinghouse motor, with compensator and switch; one electric Mule Mancha Battery Locomotive, with Hertna automatic battery charger, and 25 H.P. 440 volt generator; two 48 cell type Exide batteries; 3 Meco blower fans, 5 H.P. 440 volt, 3600 R.V.P.M., fitted with Westinghouse explosion proof motors; 100 KVA 3 phase 2300 440 volt Pyranol transformers, and 3 oil circuit breakers.

The Newcastle Collieries, Ltd., Mine No. 620, has installed four 25 KVA 2300, 440 volt transformers and one 50 KVA 2300, 440 volt

Pyranol transformer to replace those lost in the fire, also one permissible coal drill.

The Monarch Coal Mining Co., Ltd., operating mines Nos. 1473 and 1573, have built a washhouse, machine shop, locomotive shop and charging station for same, a 3-car garage, all of fireproof construction, also a cement water tank of 10,000 gals. capacity, and have a 4" pipe-line for fire protection and water supply. Extensive alterations have been made to the mine tippie, also concrete foundations laid for railway tippie. An automatic Philips dump and Philips Pushback dump, 1 Goodman shaker conveyor, 1 Jeffrey locomotive, 1 Chicago permissible coal drill and a 3-ton International truck have also been put into service. In addition, they have installed a Cardox plant.

An addition to the office containing lamp house, first aid room, enlargement of previous first aid room to convert to drafting room, has been made by the Midland Coal Mining Co., Ltd., Mine No. 367. They have also installed 1 type 7B Sullivan coal undercutter and 1 Mancha battery locomotive.

At the Rosedale Collieries, Ltd., Mine No. 346, a Rigid post type box car loader and shed for same has been installed on the surface, and a generator set for the trolley locomotive underground in the new east district.

The Commander Coal Company, Mine No. 422, has installed 50 Edison lamps, Model P, 2 Post mounted rigid post type box-car loaders for smaller sizes, 30, 3-ton roller bearing mine cars; 1 motor generator set, 150 H.P. 2300, 100 KW 250 volt D.C.; 1 Goodman 13-ton trolley locomotive, 1 Sullivan 7 AU Universal type coal cutter, and one 10 H.P. centrifugal pump.

The Brilliant Coal Co. has built an extension to the wash-house and a new machine shop, and installed a Crane projection heater on the tippie, also an automatic door, and 1 Sullivan CE 7 shortwall coal cutter.

At Mine No. 1491, operated by Murray Collieries, Ltd., one 5 ft. diameter Sheldon fan and 1, 4-ton Atlas storage battery locomotive have been installed. A first aid room has been set up at the office building.

At Mine No. 1299, of Empire Collieries, Ltd., a main and tail hoist 36 H.P. with 5,000 feet of rope on the drums, has been installed.

During the year there were 43 mines in operation in this Inspection District, of which 2 were abandoned, 3 new mines opened, 2 closed temporarily, and 3 taken over by new operators.

Two prosecutions were instituted under The Mines Act during the year.

There were 56 accidents reported to this office during the year—4 fatal and 52 serious. These accidents were all investigated, this being in addition to the regular mine inspections, and all inquests attended.

During the year, 109 inspections were made of the mines, and in addition there were several specialized inspections into fires and other official business.

Six trade names were registered by the Branch during the year. Four road allowance leases were granted for this district.

One sample of coal was taken during the year and forwarded to the Research Council, University of Alberta, for analysis.

During the year, 18 Explosive Purchase Permits were issued from this office, and a total of 76 Emergency Coal Miners' Certificates were issued in this district.

There are ten strip pits in this district. Two are at Sheerness, and produce a large tonnage. The others are small pits, with only local trade.

The district was free from labour trouble until late in the fall, when the following stoppages took place: Midland Coal Mining Co., Ltd., was idle from October 20th to November 3rd; Brilliant Coal Co. was idle from October 23rd to November 3rd. In addition, there were three one-day strikes at the Brilliant Mine, Aetna Mine and Red Deer Valley Mine, due to minor disputes.

ELECTRICAL INSPECTION OF MINES

(BURTON TAIT, *Electrical Inspector of Mines*)

During the year there were 88 electrical mines in the Province, and at the end of the year there were 82 mines using electricity, six of these having only electric mine lamps, batteries, battery charging apparatus, and electric signals or lighting.

The following mines were electrified during the year: Castle Coal Co., Ltd., Wayne; Reliance Mine, Delia; Black Nugget Coal Co., Ltd., Dodds; D. J. Gwilliam, Namao; Birnwel Coal, Ltd., Eyre-more; Majestic Mines, Ltd., Taber; Western Ventures, Ltd., Taber; Continental Coal Co., Ltd., Grassy Lake.

The last four named had some electrical equipment installed temporarily the latter part of 1943, but the installations were completed in 1944.

All operating mines using electricity have received at least one complete inspection during the year, and some received two. No accidents caused by the use of electricity were reported to this office during 1944.

Two mine fires, apparently caused by the use of electricity, occurred during the year, one at the mine of the Red Deer Valley Coal Co., Ltd., Drumheller, and the other at the mine of Newcastle Collieries, Ltd., Drumheller. The first was put out without much trouble, but the second developed into a serious fire, and the mine was idle for a week.

Roof cave-ins, crushing the rubber covered conductors and partially short-circuiting same, appeared to be the cause in each case.

At Lakeside Coals, Ltd., Robb, fire destroyed the complete surface installation, power house, tipple, etc., the cause apparently being sparks from the boiler room smoke stack setting fire to the roof of the engine room.

At Coal Valley Mining Co., Ltd., Coal Valley, fire destroyed the power plant, tipple, cleaning plant, shops, etc., the cause believed to be spontaneous combustion.

At Mountain Park Coals, Ltd., Mountain Park, fire did some damage to part of the equipment in the coal cleaning plant. It would appear as if spontaneous combustion at the sludge bin was the cause.

The Board of Examiners for Mine Electricians held examinations at Edmonton July 12th, when four candidates presented themselves, three of whom passed; and on November 8th, when five candidates presented themselves, three of whom passed. No other examinations were held during the year.

The majority of electrified mines in the Province are supplied with power by Public Utility Companies. We have in addition, steam plants with a total capacity of about 8,550 KVA and Diesel and gas driven plants, mostly direct current, with a total capacity of about 430KW.

The following is an outline of some of the apparatus in use in and around the mines: 12 trolley locomotives up to 13 tons, 3 underground, 4 in tunnel through mountain; 29 battery locomotives, 20 underground; 147 electric coal cutting machines, from 3 to 80 H.P.; shaft and slope hoists with motors up to 700 H.P.; main and tail hoists with motors up to 200 H.P.; duckbill face loaders, long wall conveyors, endless rope hoists, single drum hoists, transformer installations above and below ground, coal drills, fans, pumps, motor generator sets, motor driven compressors, coal screening plants, coal cleaning plants, coal drying plants, briquette plants, saw mills, box-car loaders and rectifying apparatus.

The following electrical equipment was installed in and about the mines during 1944:

Hillcrest-Mohawk Collieries, Ltd., Bellevue:

Tipple: 1, 15-H.P. motor, 220 volts with magnetic line starter; 1, 3-H.P. motor, 220 volts with magnetic line starter. Cleaning Plant: 3 motors each 30-H.P., 220 volts, Magnetic line starter; 3 motors each 20-H.P., 220 volts, magnetic line starter; 3 motors each 15-H.P., 220 volts, magnetic line starter; 3 motors each 3-H.P., 220 volts, magnetic line starter; 1 motor 60-H.P., 220 volts, magnetic line starter; 1 motor 1-H.P., 220 volts, magnetic line starter; 200 Model P 3E Edison cap lamps.

West Canadian Collieries, Ltd., Blairmore:

Cleaning plant: 1, 150-H.P. 220 volt motor with oil immersed contactor starter; 1, 10-H.P., 220 volt motor with magnetic line starter; 2, 7½-H.P. 220 volt motors with magnetic line starters. Transformers: 1, 100-KVA, 2300-230/460 volt; 1, 100-KVA, 2300-575 volt; 2 each 5-KVA, 2300-115/230 volt; 1 60-H.P., 220 volt motor with compensator starter.

West Canadian Collieries, Ltd., Bellevue:

1, 300-H.P., 2300 volt synchronous motor with control panel; 1, 10-H.P., 220 volt motor with magnetic line starter; 1, 7½-H.P. 220 volt motor with magnetic line starter; 1, 5-KW, 125 volt D.C. generator; 1, 100-KVA transformer, 2300-115/230 volt. Underground: 1 pump with 40-H.P. 550 volt motor, compensator starter.

West Canadian Collieries, Ltd., Adanac Mine:

1 Diesel driven generator, 15 KW, 400 volt; 2, 2-H.P. 440 volt motors with magnetic line starters.

International Coal & Coke Co., Ltd., Coleman:

A new pole line, 660 volt from power house to York Creek; 3 150-KVA 220-6600 volt transformers; 3, 150-KVA 6600-2200 volt transformers; hoist with 250-H.P. 2300 volt motor, drum control oil immersed reversing, magnetic; 1 fan with 35-H.P. 220 volt motor and line starter; 25 Model P 3E Edison cap lamps.

Lethbridge Collieries, Ltd., No. 8 Mine, Lethbridge:

Underground: 2 fans each 10-H.P. 220 volt motors, magnetic line starter; 1 pump with 15-H.P. motor 220 volt, magnetic line starter. Above ground: 1, 3-H.P. 220 volt motor with manual motor starter; 1, 2-H.P. 220 volt motor with manual motor starter; 2, 50-KVA transformers, 2300-200 volt; 2, 15-KVA transformers, 2300-220 volt; 300 Model P 3E Edison cap lamps.

Lethbridge Collieries, Ltd., Shaughnessy:

Underground: 2 pumps each with 25-H.P. 220 volt motor, compensator; 1 fan with 5-H.P. 220 volt motor, manual motor starter; 2 Jeffrey blowers, each 2-H.P. 220 volt, manual motor starters; 2 conveyors, each 20-H.P. 220 volt, magnetic line starters.

Aboveground: 3 motors each 10 H.P. 220 volt magnetic line starters; 200 Model P 3E Edison cap lamps.

J. J. Hamilton Coal Co., Lethbridge:

Underground: 1 pump with 20-H.P. 220 volt motor, compensator starter; 1 pump with 3-H.P. 220 volt motor, manual motor starter.

Chester Mine, Lethbridge:

Underground: 1 hoist with 15-H.P. 220 volt motor, compensator starter.

New Royal View Mine, Lethbridge:

Underground: 1 hoist with 15-H.P. 220 volt motor, compensator starter.

Western Ventures, Ltd., Taber:

Tipple: 1, 15-H.P. 220 volt motor, magnetic line starter; 2, 5-H.P. 220 volt motors, magnetic line starter; 1, 7½-H.P. 220 volt motors, magnetic line starter, 1, 3-H.P. 220 volt motor, magnetic line starter. Box-car loaders: 1, 5-H.P. 220 volt motor, magnetic line starter; 1, 3-H.P. 220 volt motor, magnetic line starter.

Castor Creek Collieries, Ltd., Castor:

1 crusher with 25-H.P. 220 volt motor, magnetic line starter.

Brazeau Collieries, Ltd., Nordegg:

Briquette plants: 1, 50-H.P. 440 volt motor, compensator starter; 1, 75-H.P. 440 volt motor, compensator starter; 2, 20-H.P. 440 volt motors, compensators; 1, 7½-H.P. 440 volt motor, manual motor starter; 1, 5-H.P. 440 volt motor, manual motor starter; 1, 3-H.P. 440 volt motor, manual motor starter; 1, 2-H.P. 440 volt motor, manual motor starter; muskeg fan; 10-H.P. 440 volt motor, manual motor starter; tipple feeder; 1, 5-H.P. 440 volt motor, compensator starter; briquette bin; 1, 5-H.P. 440 volt motor, manual motor starter. Underground: 2 hoists, 7½-H.P. 440 volt motor, manual motor starters; 1 pump, 40-H.P. 440 volt motor, compensator starter; 1 pump, 15-H.P. 440 volt motor, manual motor starter; 1 pump, 5-H.P. 440 volt motor, manual motor starter; 1 pump, 3-H.P. 440 volt motor, manual motor starter; 1 fan, 1-H.P. 440 volt motor, manual motor starter.

Jasper Coals, Ltd., Drinnan:

Underground: 1 coal cutter, 30-H.P. 220 volt motor, star-delta starter; 1 pump with 5-H.P. 220 volt motor, magnetic line starter; 1 fan with 2-H.P. 220 volt motor, magnetic line starter; 1 coal drill, 1-H.P. 220 volt trigger switch.

Cademin Coal Co., Ltd., Cademin:

New pole line, 2300 volt, to new strip mine; 1, 20-H.P. 550 volt motor, magnetic line starter.

Mountain Park Coals, Ltd., Mountain Park:

Underground: 1 pump with 200-H.P. 550 volt motor, compensator starter. Above ground: 1 fan, 10-H.P. 550 volt motor, magnetic line starter; tipple, 1, 15-H.P. 550 volt motor, magnetic line starter.

Luscar Coals, Ltd., Luscar:

Underground: 1 pump with 150-H.P. 550 volt motor, compensator starter. Above ground: 1, 15-H.P. 550 volt motor, magnetic line starter; 2, 10-H.P. 550 volt motors, magnetic line starter; 1, 7½-H.P. 550 volt motor, magnetic line starter; 1, 5-H.P. 550 volt motor, magnetic line starter; 1 Allis Chalmers alternator, steam turbine, 940 KVA 2300 volts; 1 transformer, 25KVA, 2200-110/220; 1 transformer, 5 KVA, 2200-110/200.

McLeod River Hard Coal Co. (1941), Ltd., Mercoal:

Underground: 2 pumps, each 100-H.P. 440 volt, compensator starters.

The Foothills Collieries, Ltd., Foothills:

Underground: 1 pump with 10-H.P. 220 volt motor, magnetic line starter; 1 fan with 3-H.P. 220 volt motor, magnetic line starter.

The Canmore Mines, Ltd., Canmore:

Above ground: Tipple and briquette plant; 1, 15-H.P. 440 volt motor, magnetic starter; 3, 5-H.P. 440 volt motors, magnetic line starters.

Red Flame Coal Co., Ltd., Round Hill:

Above ground: 1 crusher, 15-H.P. 220 volt, compensator starter. Under-ground: 1 pump, 3-H.P. 220 volt, manual motor starter.

Murray Collieries, Ltd., East Coulee:

1, 3¾-ton Atlas battery locomotive; 1 Sullivan shearing machine, 30-H.P. 220 volts.

Camrose Collieries, Ltd., Camrose:

Tipple: 1, 15-H.P. 220 volt motor, magnetic line starter; 4, 10-H.P. 220 volt motors, magnetic line starters; 1, 7½-H.P. 220 volt motor, magnetic line starter; 1, 3-H.P. 220 volt motor, magnetic line starter; 1, 2-H.P. 220 volt motor, magnetic line starter.

Samis Collieries, Namao:

Underground: 1 coal cutter, 30-H.P. 220 volt, star-delta starter; 1 pump, 3-H.P. 220 volt, magnetic line starter. Above ground: 1 fan with 10-H.P. 220 volt motor, magnetic line starter.

Riverdale Coal Co., Ltd., Namao:

Underground: 1 pump with 1-H.P. 220 volt motor, manual motor starter; Above ground: 1 fan with 5-H.P. 220 volt motor, manual motor starter.

Red Hot Coal Co., Ltd., Edmonton:

Underground: 1 coal cutter, 30-H.P. 220 volt, star-delta starter; 1 pump with 5 H.P. 220 volt motor, manual motor starter; 1 pump with 3 H.P. 220 volt motor, manual motor starter; 50 Model P 3E Edison cap lamps.

Great West Coal Co., Ltd., Clover Bar:

Underground: 1 pump with 15-H.P. 250 volt D.C., rheostat starter. Above ground: 1, 25-H.P. 220 volt motor, compensator starter; 1, 7½-H.P. 220 volt motor, magnetic line starter; 1, 5-H.P. 220 volt motor, magnetic line starter; 1 3-H.P. 220 volt motor, magnetic line starter.

Edmonton Collieries, Ltd., Namao:

Underground: 1 pump with 3-H.P. 220 volt motor, manual motor starter; 1 pump with 2-H.P. 220 volt motor, manual motor starter.

Beverly Coal Co., Ltd., Beverly:

Underground: 1 pump with 3-H.P. 220 volt motor, magnetic line starter. Above ground; Crusher with 15-H.P. 220 volt motor, magnetic line starter.

Midland Coal Mining Co., Ltd., Drumheller:

Underground: 1 Sullivan coal cutter, 50-H.P. 440 volt motor; 1 pump, 5-H.P. 440 volt motor, magnetic line starter; 2 Permissable coal drills, 2-H.P. 220 volts.

Brilliant Coal Company, Drumheller:

Underground: 1 Sullivan coal cutter, 30-H.P. 220 volt start-delta starter. Above ground: 1 motor generator set, 3-H.P. motor, 220 volts, generator 2 KW 250 volts.

McGillivray Creek Coal & Coke Co., Ltd., Coleman:

Above ground: 1 pump with 75 H.P. 2200 volt motor, compensator starter.

Black Point Mine, Edmonton:

15 Model P 3E Edison cap lamps.

Red Deer Valley Coal Co., Ltd., Drumheller:

Underground: 1 Mancha Permissable battery locomotive, 20-H.P. 80 volts; 1 motor generator set with 25-H.P. motor, 15 KW generator; 1 Pyranol 3 phase transformer, 2300-440 volts; 3 Meco fans, each 5-H.P. 440 volts, manual motor starters. Above ground, at No. 1 slope: 3, 75-KVA transformers 13,200-2300 volts; 2, 37.5-KVA transformers 13,200-400 volts; main fan, 75-H.P. 440 volts, automatic compensator starter; No. 2 slope hoist, 15-H.P. 440 volt, manual across line starter; box-car puller, 15-H.P. 440 volt, liquid controller;

rock dump hoist, 15-H.P. 440 volt, magnetic line starter; well pump, 10-H.P. 440 volt magnetic line starter; 1 fan with 3-H.P. 440 volt motor, magnetic line starter; 3 Trane Unit heaters, each $\frac{1}{4}$ -H.P. 220 volts; 1 fan with 1-H.P. 220 volt motor, magnetic line starter.

Commander Coal Co., Drumheller:

Underground: 1 Goodman 13-ton trolley locomotive; 1 motor generator set, motor 150-H.P. 2300 volts, gen. 100 KW; 1 Sullivan 7 AU combination coal cutter, 80-H.P. 220 volts; 1, 50-KVA 3 phase transformer, 2300-110/220 volts; 8 blower fans, each 1-H.P. 220 volts, manual motor starters. Above ground: 1, 2-speed fan 25/6.5-H.P. 220 volts, magnetic line starter; 1 motor generator set with $7\frac{1}{2}$ -H.P. 220 volt motor; 1, 25-H.P. 220 volt motor, magnetic line starter; 1, 20-H.P. 220 volt motor, magnetic line starter; 25-H.P. 220 volt motors, magnetic line starters; 4, 3-H.P. 220 volt motors, magnetic line starters; 2, 2-H.P. 220 volt motors, magnetic line starters; 180 Model P 3E Edison cap lamps.

Empire Collieries, Ltd., East Coulee:

Underground: 1 main and tail hoist, 35 H.P. 220 volt compensator starter.

Monarch Coal Mining Co., Ltd., Western Crown Mine, East Coulee:

Underground: 1 Jeffrey battery locomotive (transferred from Monarch Mine); 1 Goodman duckbill loader, 20-H.P. 220 volt, magnetic starter; 1 fan with 3-H.P. 220 volt motor, manual motor starter; 1 coal drill, Little Giant, 220 volt, 1-H.P.. Above ground: motor generator set with 16-H.P. 220 volt motor; 1, 15-H.P. 220 volt motor, compensator starter; 1, 15-H.P. 220 volt motor, manual motor starter; compressor, 5-H.P. 220 volt, manual motor starter.

Castle Coal Co., Ltd., Wayne:

Underground: 1 coal cutter, 30-H.P. 220 volt, star-delta starter; 1 fan with 3-H.P. 220 volt motor, manual motor starter. Above ground: 2 transformers, 25-KVA, 2300-110/220; 2, 10-H.P. 220 volt motors, manual across line starters.

Rosedale Collieries, Ltd., Aerial:

1 coal cutter, 30-H.P. 440 volt, across line starter; 1 fan, 10-H.P. 440 volt motor, manual motor starter.

Hy-Grade Coal Mining Co., Ltd., Drumheller:

200 Model P 3E Edison cap lamps.

Pine Creek Mine, Edmonton:

25 Model P 3E Edison cap lamps.

New installations put in during the year have been well installed. In above ground installations, standard requirements, as laid down in the Canadian Electrical Code, have been followed.

New pole lines involving several miles of lines have been erected to supply fans, hoists, compressors, etc., at new prospects at the following mines: West Canadian Collieries, Ltd., Blairmore and Bellevue; International Coal & Coks, Co., Ltd., Coleman; Cadomin Coal Co., Ltd., Cadomin; Luscar Coals, Ltd., Luscar.

Protection of circuits, grounding of non-current carrying parts of apparatus, proper maintenance of equipment and reporting on condition of same has received attention and the necessity of this impressed on managers and electricians. Very good co-operation has been received in most cases, from the officials.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada" for the year 1943:

Calendar Year	Short Tons	Value
1886	43,220	\$ 81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,838,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
1922	5,990,911	24,351,913
1923	6,854,397	28,018,303
1924	5,189,729	18,884,318
1925	5,869,031	20,021,484
1926	6,503,705	20,886,103
1927	6,934,162	21,982,058
1928	7,336,330	23,532,414
1929	7,150,693	22,928,182
1930	5,755,528	18,063,225
1931	4,564,015	13,342,675
1932	4,870,648	13,526,309
1933	4,718,788	12,307,258
1934	4,753,810	12,556,099
1935	5,462,894	14,094,795
1936	5,696,960	14,659,705
1937	5,562,839	14,563,911
1938	5,251,233	13,698,470
1939	5,519,208	14,415,281
1940	6,203,839	16,377,959
1941	6,969,962	19,382,471
1942	7,754,053	22,624,410
1943	7,676,726	24,030,686
Total	196,448,080	\$601,611,930

NOTE: Production quantities and values prior to 1919 refer to sales and colliery consumption. From 1919 to 1942 the mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN CANADA, 1902-1943

The following revised table is taken from the report issued by the Dominion Bureau of Statistics for the year 1943:

Year	Canadian*		Imported coal "Entered for consumption"				Total		Per Capita Tons
			From U.S.A.		From Great Britain		Total†		
	Short tons	%	Short tons		Short tons		Short tons		
1902	5,376,413	53.1	4,656,286		101,726		4,734,559	10,110,972	1.840
1903	6,005,735	47.3	6,520,931		184,593		6,678,450	12,684,185	2.245
1904	6,697,183	47.9	7,238,869		85,687		7,297,482	13,994,665	2.402
1905	7,032,661	49.4	7,233,738		68,500		7,215,446	14,249,107	2.374
1906	7,927,560	50.5	7,787,338		67,014		7,758,325	15,685,885	2.573
1907	8,617,352	45.0	10,588,697		54,325		10,549,503	19,166,855	2.990
1908	8,156,478	47.3	10,203,335		97,514		10,195,424	19,351,902	2.921
1909	8,913,376	47.9	9,805,253		67,671		9,711,826	18,625,202	2.739
1910	10,532,103	50.2	10,545,451		51,541		10,437,123	20,970,226	3.001
1911	9,822,749	40.5	14,510,129		48,963		14,424,949	24,247,698	3.364
1912	12,385,696	46.0	14,557,124		38,668		14,549,104	26,934,800	3.645
1913	13,450,158	42.6	18,145,769		37,825		18,132,387	31,582,545	4.138
1914	12,214,403	45.5	14,687,853		33,101		14,637,920	26,852,323	3.408
1915	11,500,480	48.1	12,450,796		15,098		12,406,212	23,906,692	2.995
1916	12,348,036	41.3	17,576,202		4,401		17,517,820	29,865,856	3.733
1917	12,313,603	37.2	20,848,009		9,451		20,810,132	33,123,735	4.110
1918	13,160,731	37.8	21,674,826		3,761		21,611,101	34,771,832	4.268
1919	11,611,168	40.3	17,292,913		334		17,236,269	28,847,437	3.471
1920	14,025,566	42.9	18,752,981		1,591		18,868,741	32,694,307	3.821
1921	12,715,734	41.1	18,300,081		765,980		18,258,387	32,694,121	3.825
1922	13,044,352	50.2	12,255,555		572,570		12,962,189	26,006,541	2.916
1923	15,070,962	41.8	20,417,239		317,112		20,967,971	36,038,933	4.000
1924	12,529,358	42.8	16,405,344		604,117		16,714,143	29,243,501	3.198
1925	12,125,290	42.6	15,744,957		237,299		16,331,971	28,457,261	3.062
1926	15,086,296	47.7	16,204,405		287,259		16,565,555	31,651,851	3.349
1927	15,944,983	46.7	17,266,434		907,220		18,177,303	34,122,286	3.541
1928	16,437,807	50.0	15,830,688		682,755		16,515,582	33,003,389	3.356
1929	16,387,461	48.0	16,780,452		843,502		17,724,132	34,111,593	3.401
1930	14,052,671	43.3	16,971,933		1,144,861		18,412,039	32,464,710	3.180
1931	11,682,779	47.7	11,793,798		987,442		12,828,327	24,511,106	2.362
1932	11,212,701	49.0	9,889,866		1,727,716		11,654,492	22,867,193	2.177
1933	11,456,273	51.5	8,865,935		1,942,875		10,808,962	22,265,235	2.085
1934	13,236,406	51.1	10,580,710		1,981,116		12,651,168	25,887,574	2.392
1935	13,306,303	53.1	9,618,518		1,822,500		11,735,835	25,042,138	2.290
1936	14,508,642	53.3	10,801,643		1,498,656		12,719,515	27,228,167	2.469

1937	15,172,729	51.5	12,574,574	1,211,052	14,268,585	48.5	29,441,314	2,648
1938	13,800,094	53.5	10,754,747	1,257,887	12,012,634	46.5	25,812,728	2,281
1939	14,902,915	50.7	12,838,347	1,099,419	14,479,668	49.3	29,382,583	2,597
1940	16,666,234	49.5	15,509,778	1,514,458	17,036,090	50.5	33,702,324	2,960
1941	17,227,151	46.2	19,332,479	693,092	20,026,082	53.8	37,253,233	3,238
1942	17,725,761	42.4	23,735,334	388,010	24,122,916	57.6	41,848,677	3,591
1943	16,321,006	37.1	27,303,776	391,475	27,695,098	62.9	44,016,104	3,727

*The sum of Canadian coal-mine sales, colliery consumption, coal supplied to employees, and coal used in making coke, etc., less the tonnage of coal exported.

†Includes small tonnages from countries other than Great Britain and the United States. Deductions have been made to take account of foreign coal re-exported from Canada and bituminous coal ex-warehoused for ships' stores.

THE MINES BRANCH

The following table shows the quantity of coke imported into Canada during the years 1942, 1943 and 1944 through ports in the Provinces, compiled from information from the Dominion Bureau of Statistics:

Ports in Province of	1942		1943		1944	
	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal	Made from Petroleum	Made from Coal
Nova Scotia	158,269	111	.....	72	.....	148
Quebec	154,532	45,808	263,130	44,991	182,189	49,686
Ontario .....	.....	646,799	71,823	857,639	39,888	739,445
Manitoba .....	.....	24,768	.....	35,668	.....	21,833
Saskatchewan .....	.....	.....	.....	104	.....	32
British Columbia	116	1,021	.....	2,449	.....	2,316
Alberta .....	.....	1,606	.....	143	146	.....
Total	312,917	720,113	334,953	941,066	222,223	813,460

Figures on Imports of Coke into Canada, by Countries, not available for the duration.

Quantity of coal in tons entered for consumption for each year since 1919, through ports in the Provinces of Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and Yukon.

BITUMINOUS COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	7,641,682	483,991	59,253	1,063,793	9,248,719	62,746	1,406	1,131	6,700	12,010,490
1920	10,261,237	571,879	111,957	1,391,709	12,336,903	43,547	535	607	13,128	15,902,632
1921	8,605,872	659,763	127,956	1,316,155	10,709,746	76,833	2,127	1,820	17,081	13,536,250
1922	7,424,171	445,019	68,082	1,517,250	9,454,522	74,848	1,484	1,147	13,966	11,563,467
1923	11,621,859	619,037	95,439	1,731,667	14,068,002	112,134	1,607	1,110	17,917	17,517,108
1924	8,763,676	403,388	70,259	1,500,525	10,737,848	143,607	2,422	1,209	25,049	12,619,082
1925	9,100,462	286,984	81,173	497,264	9,884,710	147,758	1,732	1,175	40,286	13,045,323
1926	10,531,095	199,908	83,182	965,105	11,696,108	149,374	1,887	1,515	32,992	13,802,242
1927	11,572,678	221,694	90,864	1,273,691	13,158,927	142,860	2,141	1,324	22,648	15,178,640
1928	10,539,408	194,718	103,594	1,481,228	12,318,948	97,002	2,536	1,360	18,682	13,966,183
1929	11,232,027	143,889	100,141	1,591,656	13,067,713	38,801	2,477	1,327	18,526	14,585,275
1930	10,421,748	165,499	70,403	1,297,939	11,955,589	24,898	1,816	1,351	8,886	13,345,308
1931	8,553,736	86,810	65,738	609,279	9,315,563	7,041	1,535	912	2,308	10,347,280
1932	6,867,307	62,019	48,915	691,831	7,670,072	12,298	1,459	830	3,582	8,532,318
1933	7,038,386	74,934	30,108	482,206	7,625,634	13,213	1,327	998	26,077	8,427,656
1934	8,472,143	126,671	37,085	602,510	9,238,409	12,103	1,235	1,302	10,268,945	
1935	8,032,739	6,033	53,145	591,810	8,683,727	9,918	952	1,136	3,722 (a)	9,549,457 (b)
1936	8,448,795	156,229	67,784	688,950	9,361,758	14,101	847	1,205	3,524 (d)	10,200,253 (e)
1937	9,946,567	128,595	69,598	820,160	10,964,920	12,079	743	1,293	2,540 (g)	12,241,270 (h)
1938	7,981,712	113,746	56,806	698,371	8,850,635	9,061	783	1,116	2,701 (k)	9,567,334 (l)
1939	8,035,174	77,532	53,772	528,887	8,695,365	15,035	862	990	1,808 (m)	9,903,613 (o)
1940	11,312,806	28,363	30,138	503,782	11,875,089	7,066	692	795	2,591	13,578,705 (x)
1941	13,910,140	.....	.....	.....	14,731,647	10,021	671	1,062	1,646	17,867,068
1942	14,397,298	.....	.....	.....	15,954,838	21,568	773	789	1,573	20,807,005
1943	15,524,762	.....	.....	.....	18,365,760	90,293	732	1,002	1,611	24,393,798
1944	15,654,562	.....	.....	.....	18,485,923	16,255	556	935	1,236	24,513,527

NOTE. Figures for Port Arthur, Fort Frances and Fort William omitted for duration.

(x) Consists of 13,382,389 tons from the United States and 196,316 tons from Great Britain.

ANTHRACITE COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia & Yukon	Total Canada
1919	2,977,913	119,234	559	346,442	3,444,148	12,906	.....	66	136	4,972,283
1920	2,943,134	69,206	2,648	226,476	3,221,464	17,509	206	517	75	4,912,964
1921	2,809,189	62,782	1,388	198,108	3,070,217	33,473	254	66	251	4,587,370
1922	1,586,924	21,507	12	36,018	1,644,461	14,713	231	.....	1,261	2,693,957
1923	3,061,779	28,229	429	54,329	3,144,766	55,856	2,291	.....	174	5,167,881
1924	2,599,568	4,775	237	84,513	2,689,093	34,222	1,720	.....	687	4,183,594
1925	2,281,281	37	170	50,731	2,254,049	34,396	702	30	246	3,798,744
1926	2,408,674	.....	56	60,810	2,251,494	17,990	464	.....	5,202	4,242,932
1927	2,123,515	.....	51	79,283	2,202,849	13,885	484	.....	3,812	4,063,619
1928	2,179,022	.....	42	57,494	2,236,558	10,130	579	.....	2,241	3,737,333
1929	2,246,063	352	303	52,369	2,299,087	9,180	365	.....	597	4,019,917
1930	2,080,457	.....	224	45,241	2,125,922	8,323	367	.....	1,123	4,256,090
1931	1,615,643	.....	.....	18,302	1,633,945	3,695	.....	.....	33	3,178,141
1932	1,250,755	.....	3	12,677	1,263,435	3,800	.....	3	702	3,138,157
1933	1,129,041	.....	8	8,742	1,137,791	5,669	57	75	3,657	3,035,613
1934	1,374,881	.....	3,030	7,934	1,385,845	6,086	.....	.....	282	3,537,309
1935	1,370,119	.....	19	9,455	1,379,593	5,852	49	.....	1,600	3,451,318(e)
1936	1,436,613	.....	135	16,350	1,453,098	5,884	58	.....	1,151	3,530,040(f)
1937	1,608,653	.....	8	21,052	1,629,713	5,639	66	34	261	3,572,268(j)
1938	1,697,601	.....	69	16,050	1,713,720	4,674	39	.....	280	3,714,001(m)
1939	2,043,142	.....	297	18,459	2,061,898	4,686	.....	33	.....	3,977,805(p)
1940	2,033,585	.....	.....	10,571	2,044,156	4,466	34	.....	236	3,964,862(q)
1941	2,343,406	.....	.....	.....	2,362,433	10,021	.....	16	30	3,940,859
1942	2,807,479	.....	.....	.....	2,816,165	7,093	.....	23	.....	4,802,023
1943	2,502,024	.....	.....	.....	2,513,199	16,336	.....	7	110	4,458,519
1944	2,528,190	.....	.....	.....	2,535,976	9,723	.....	4	62	4,413,227

*These figures show the total imports and not the tonnages entered for consumption.

- (a) Includes imports into the Yukon Territory of 10 tons in July and 10 tons in October.
 (b) Consists of 9,168,428 tons imported from the United States, 380,645 tons imported from Great Britain, 43 tons imported from Alaska, 285 tons imported from Norway, 55 tons imported from Esthonia and 1 ton imported from Poland.
 (c) Consists of 1,670,085 tons imported from the United States, 1,454,521 tons imported from Great Britain, 205,045 tons imported from Germany, 67,220 tons imported from Belgium and 54,447 tons imported from French Indo-China.
 (d) Includes imports into the Yukon Territory of 4 tons in April, 3 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.
 (e) Consists of 10,042,127 tons imported from the United States, 149,905 tons imported from Great Britain, 9,421 tons imported from Germany, 361 tons imported from Norway, 124 tons imported from Denmark, 45 tons imported from Sweden, 35 tons imported from the Netherlands, 134 tons imported from Esthonia, and 286 tons imported from Newfoundland.

- (f) Consists of 1,685,848 tons imported from the United States, 1,331,279 tons imported from Great Britain, 359,994 tons imported from Germany, 33,543 tons imported from Belgium, 122,572 tons imported from French Indo-China, 16,231 tons imported from the Netherlands, and 1,120 tons imported from China.
- (g) Includes imports into the Yukon Territory of 4 tons in March, 6 tons in May, 6 tons in June, 45 tons in July and 2 tons in October.
- (h) Consists of 12,333,378 tons imported from the United States, 56,073 tons from Great Britain, 54,061 tons from Germany, 113 tons from Norway, and 200 tons from Esthonia.
- (i) Consists of 2,003,317 tons imported from the United States, 1,134,855 tons imported from Great Britain, 258,257 tons from Germany, 8,131 tons imported from Belgium, 154,495 tons imported from Russia, 78 tons imported from Morocco.
- (k) Includes imports into the Yukon Territory of 8 tons in March, 10 tons in July and 8 tons in October.
- (l) Consists of 9,644,020 tons imported from the United States, 65,957 tons from Great Britain, 34,258 tons from Germany, and 417 tons from Japan.
- (m) Consists of 1,973,610 tons from the United States, 1,199,131 tons from Great Britain, 407,031 tons from Germany, 34,182 tons from Belgium, 14,952 tons from Russia, 19,645 tons from Morocco, 37,594 tons from the Netherlands, and 30,302 tons from French Indo-China.
- (n) Includes imports into the Yukon Territory of 15 tons in July and 8 tons in December.
- (o) Consists of 9,836,110 tons imported from the United States, 67,483 tons from Great Britain, and 20 tons from Norway.
- (p) Consists of 2,605,765 tons from the United States, 1,034,901 tons from Great Britain, 293,602 tons from Germany, and 43,537 tons from French Indo-China.
- (q) Consists of 2,643,588 tons from the United States, and 1,321,274 tons from Great Britain.

Imports of Coal into Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon and Canada, by months during 1944 (short tons):

BITUMINOUS COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Sask., Alta., B.C. and Yukon	Total Canada
January	473,868	.....	.....	.....	512,330	1,220	.....	41	.....	.....	1,261	868,963
February	474,202	.....	.....	.....	488,495	1,049	42	85	106	.....	1,282	769,654
March	454,132	.....	.....	.....	494,243	617	84	178	97	.....	1,976	1,007,598
April	885,519	.....	.....	.....	1,038,132	1,379	.....	88	.....	.....	1,467	1,399,119
May	1,743,412	.....	.....	.....	2,128,464	798	.....	.....	326	.....	1,124	2,652,850
June	1,871,961	.....	.....	.....	2,181,038	2,353	126	48	43	.....	2,570	2,799,509
July	1,735,634	.....	.....	.....	2,218,982	1,223	131	123	165	.....	1,523	2,860,785
August	1,932,846	.....	.....	.....	2,391,006	1,795	44	151	42	.....	2,155	3,098,426
September	1,817,123	.....	.....	.....	2,289,518	2,078	42	40	152	.....	2,162	2,986,735
October	1,906,256	.....	.....	.....	2,175,890	1,912	44	128	185	.....	2,148	2,772,650
November	1,561,439	.....	.....	.....	1,702,535	1,445	.....	53	74	.....	1,758	2,190,743
December	793,170	.....	.....	.....	865,290	386	43	.....	.....	.....	556	1,106,495
Total	15,654,562	.....	.....	.....	18,485,923	16,255	556	935	1,236	.....	18,982	24,513,527

ANTHRACITE COAL

Month	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Total Man., Sask., Alta., B.C. and Yukon	Total Canada
January	203,192	.....	.....	.....	203,192	618	.....	.....	.....	.....	618	312,637
February	208,970	.....	.....	.....	208,970	411	.....	.....	.....	.....	411	359,729
March	225,154	.....	.....	.....	225,154	599	.....	.....	52	.....	651	375,181
April	190,396	.....	.....	.....	190,396	454	.....	.....	.....	.....	454	301,576
May	212,471	.....	.....	.....	212,471	356	.....	.....	.....	.....	356	330,103
June	215,036	.....	.....	.....	215,036	293	.....	.....	.....	.....	293	357,804
July	217,380	.....	.....	.....	217,380	326	.....	.....	10	.....	336	380,111
August	218,665	.....	.....	.....	218,705	1,121	.....	4	.....	.....	1,125	407,730
September	216,157	.....	.....	.....	219,839	2,352	.....	.....	.....	.....	2,352	406,102
October	235,872	.....	.....	.....	239,521	775	.....	.....	.....	.....	775	438,554
November	210,367	.....	.....	.....	210,537	912	.....	.....	.....	.....	912	419,771
December	174,530	.....	.....	.....	174,775	1,506	.....	.....	.....	.....	1,506	323,929
Total	2,528,190	.....	.....	.....	2,535,976	9,723	.....	4	62	.....	9,789	4,413,227

NOTE.—Figures for Fort Francis, Fort William and Port Arthur not available for the duration.

MINERAL PRODUCTION IN ALBERTA, 1942 AND 1943

Prepared in the Mining, Metallurgical and Chemical Branch, Ottawa, Canada

	1942		1943	
	Quantity	Value	Quantity	Value
METALLICS:				
Gold, fine ounces	34	\$ 1,309	21	\$ 808
Silver, fine ounces	2	1	1	
NON-METALLICS:				
Coal, short tons	7,754,053	22,624,410	7,676,726	24,030,686
Natural gas, M.cu.ft.	34,482,585	6,146,146	35,569,078	6,241,815
Peat moss, tons	58	1,380	55	1,425
Petroleum, crude, barrels ..	10,117,073	15,514,665	9,601,530	15,724,518
Salt, tons	22,360	335,960	17,499	280,124
Sodium, sulphate, tons				
CLAY PRODUCTS AND OTHER				
STRUCTURAL MATERIALS:				
Cement, barrels	668,043	1,307,353	606,703	1,176,442
Clay products		1,013,497		978,649
Lime:				
Quicklime, tons	18,117	148,720	17,482	142,125
Hydrated, tons	704	7,040	733	7,330
Sand and gravel, tons	481,644	218,914	626,157	309,389
Stone, tons	12,028	40,436	13,961	47,899
Total		\$47,359,831		\$48,941,210

PARTICULARS OF WORK DONE IN SHALE MINES IN THE PROVINCE DURING 1944:

Output of shale (in tons) used making bricks	36,837
Output of shale (in tons) making hollow tile	8,523
Number of shifts worked	35,101
Average number of men employed	114
Explosives used (pounds), 40% dynamite	3,975
Explosives used (pounds), monobel	2,300
Number of shots fired using fuse	1,979
Number of shots fired using electric detonators	
Total number of bricks made	15,519,048
Total number of bricks put to stock	549,618
Total number of bricks lifted from stock	283,480
Bricks sold for use in:	
Alberta	6,934,096
British Columbia	2,206,561
Saskatchewan	3,246,559
Manitoba	2,340,254
Ontario	525,440
Total	15,252,910
Hollow tile made (tons)	8,523
Hollow tile put to stock	720
Hollow tile sold	7,803

Particulars with reference to the coal mining industry in the Province of Alberta during the year ending December 31, 1944:

SUMMARY OF STATISTICS

Tonnage stripped by farmers under domestic permits	331
Number of short tons of coal produced	7,427,433
Number of short tons of briquettes made	253,592
Number of short tons of coke produced	67,821
Number of short tons of shale produced	45,360
Number of coal mines in operation during the year	202
Number of mines opened during the year	5
Number of mines re-opened during the year	13
Number of mines closed during the year	42
Number of mines abandoned during the year	11
Number of shale pits in operation during the year	4
Number of mines in operation at December 31st, 1944	180
63 mines or 33.67% of total operating produced 0.41% of the output.	
56 mines or 27.73% of total operating produced 1.86% of the output.	
28 mines or 13.86% of total operating produced 9.22% of the output.	
15 mines or 7.43% of total operating produced 1.50% of the output.	
11 mines or 5.44% of total operating produced 10.51% of the output.	
8 mines or 3.96% of total operating produced 13.34% of the output.	
8 mines or 3.96% of total operating produced 27.25% of the output.	
5 mines or 2.47% of total operating produced 28.82% of the output.	
3 mines or 1.48% of total operating produced 7.09% of the output.	
Average number of persons employed below ground	5,867
Average number of persons employed above ground	2,508
Number of separate accidents causing loss of life	10
Number of deaths caused by accidents above ground	1
Number of deaths caused by accidents below ground	9

Number of serious accidents above ground	10
Number of serious accidents below ground	60
Number of slight accidents above ground	18
Number of slight accidents below ground	107
Total purchased electric power (kilowatt hours)	39,849,383
Number of prosecutions instituted	14
Number of Provisional Overman's Certificates issued during 1944	80
Number of Emergency Coal Miners' Certificates of Competency issued in 1944	591
Number of Third Class Certificates issued in 1944	25
Number of Second Class Certificates issued in 1944	17
Number of First Class Certificates issued in 1944	3
Number of Mine Surveyors' Certificates issued in 1944	6
Number of Mine Electricians' Certificates issued in 1944	1,577
Number of Second Class Certificates issued to December 31, 1944	535
Number of First Class Certificates issued to December 31, 1944	274
Number of Mine Surveyors' Certificates issued to December 31, 1944	199
Number of Mine Electricians' Certificates issued to December 31, 1944	124
Total number of Certificates of Competency as Coal Miners' issued to Dec. 31, 1944	17,307

PARTICULARS OF WORK DONE BY FARMERS STRIPPING COAL UNDER
DOMESTIC PERMIT

Tonnage	331
Number of days worked during the year	65
Number of men employed during the year	28
Total number of shifts worked	124
Total number of permits issued	22
Total number of permits not used	13
Permits issued in 1943 and used in 1944	14

The above coal was stripped for domestic use only, and not for sale.

In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons for N.W.T. (Alta. & Sask.)	Output in tons for Alberta
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905		811,228
1906		1,385,000
1907		1,834,745
1908		1,845,000
1909		2,174,329
1910		3,036,757
1911		1,694,564
1912		3,446,349
1913		4,306,346
1914		3,821,739
1915		3,434,891
1916		4,638,604
1917		4,863,414
1918		6,148,620
1919		5,022,412
1920		6,908,923
1921		5,937,195
1922		5,976,432
1923		6,866,923
1924		5,203,713
1925		5,883,394
1926		6,508,908
1927		6,936,780
1928		7,334,179
1929		7,147,250
1930		5,755,911
1931		4,564,290
1932		4,870,030
1933		4,714,784
1934		4,748,848
1935		5,462,973
1936		5,696,375
1937		5,551,682
1938		5,230,015
1939		5,518,105
1940		6,205,088
1941		6,970,064
1942		7,754,279
1943		7,677,982
1944		7,427,433

CLASSIFICATION OF OUTPUT DURING THE YEARS 1901 TO 1944 (INCLUSIVE)

Year	Domestic	Domestic and Bituminous	Sub-bituminous	Bituminous	Anthracite	Coal used in Coke production	Briquettes	Coke
1901*	.....	331,907	.....	.....	14,742	.....	.....	.....
1902*	.....	494,087	.....	.....	16,587	.....	.....	.....
1903*	.....	617,754	.....	.....	5,135	.....	.....	.....
1904*	.....	759,568	.....	.....	23,363	.....	.....	.....
1905*	.....	972,686	.....	.....	43,653	71,292	.....	46,640
1906	602,780	.....	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	.....	1,001,571	249,095	128,397	36,261	75,657
1909	763,673	.....	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	.....	1,896,961	261,785	196,349	108,996	121,578
1911	964,700	.....	.....	649,745	80,119	61,591	48,200	35,984
1912	1,341,389	.....	.....	1,926,371	178,589	170,818	90,000	105,684
1913	1,763,225	.....	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	.....	1,953,367	170,971	44,249	109,082	29,058
1915	1,682,922	.....	.....	1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801	.....	.....	2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829	.....	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	.....	2,982,334	131,225	53,462	100,470	32,858
1919	3,611,009	.....	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	.....	3,419,021	130,594	.....	101,693	.....
1921	2,943,141	.....	.....	2,897,380	96,674	.....	62,466	.....
1922	3,086,669	.....	.....	2,214,273	40,417	.....	33,663	.....
1923	3,161,741	.....	635,073	3,245,313	107	.....	.....	.....
1924	3,096,660	.....	459,869	1,521,288	.....	.....	39,638	.....
1925	3,156,359	.....	585,765	2,145,200	.....	.....	791	.....
1926	3,160,929	.....	490,371	2,858,508	.....	.....	11,381	.....
1927	3,357,171	.....	595,190	2,984,419	.....	287	20,649	173
1928	3,378,200	.....	740,498	3,215,481	.....	.....	24,768	.....
1929	3,383,749	.....	668,108	3,093,393	.....	.....	28,167	.....
1930	2,874,090	.....	603,331	2,278,490	.....	.....	24,111	.....
1931	2,246,544	.....	471,389	1,846,357	.....	.....	13,102	.....
1932	2,576,831	.....	559,479	1,733,720	.....	4,591	13,582	2,183
1933	2,434,047	.....	554,141	1,726,596	.....	75,279	14,935	49,279
1934	2,295,566	.....	537,542	1,915,740	.....	91,745	15,906	59,703
1935	2,647,912	.....	566,436	2,248,625	.....	18,812	18,812	63,428
1936	2,841,231	.....	566,486	2,299,658	.....	97,353	21,015	65,239
1937	2,631,150	.....	506,529	2,414,003	.....	99,537	27,044	65,967
1938	2,453,263	.....	488,912	2,287,850	.....	103,498	39,239	68,692
1939	2,449,199	.....	512,105	2,556,801	.....	103,191	46,510	68,913
1940	2,537,205	.....	598,686	3,069,197	.....	105,926	66,127	70,753

1941	2,713,254	.....	585,453	3,671,357	.....	105,390	126,188	70,354
1942	3,213,113	.....	733,547	3,807,619	.....	107,410	197,905	71,572
1943	3,416,037	.....	791,952	3,469,993	.....	101,132	222,106	67,348
1944	3,146,801	.....	729,427	3,551,205	.....	101,633	253,592	67,821

*Includes output from Alberta and Saskatchewan. Previous to 1922 sub-bituminous was included in bituminous coal.

During the year 1909 a strike affecting all the larger mines in the Province, lasted for a period of three months.
 During the year 1911 a strike affecting all the larger mines in the Province, lasted for a period of eight months.
 During the year 1917 a strike affecting all the larger mines in the Province, lasted for a period of three months.
 During the year 1919 a strike affecting all the larger mines in the Province, lasted for a period of three months.
 During the year 1922 a strike affecting all the larger mines in the Province, lasted for a period of five months.
 During the year 1924 a strike affecting all the larger mines in the Province, lasted for a period of six and one-half months.

How total output of DOMESTIC COAL from the Province was disposed of by Areas during 1944:

	Sold for Consumption in					Total Sales	Used under Colliery Boilers	Used by R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario								
Ardley	7,004	.....	.....	.....	.....	7,004	.....	.....	.....	.....	.....	.....	7,109
Big Valley	4,810	427	.....	.....	.....	5,237	.....	.....	233	105	.....	.....	5,471
Brooks	22,869	5,761	33,010	24,624	2,051	88,315	49	.....	.....	1	.....	.....	88,364
Camrose	63,149	425	4,244	.....	.....	67,818	169	.....	.....	766	.....	3,458	65,295
Carbon	38,044	3,156	1,913	302	.....	43,415	858	.....	553	1,583	30	.....	46,379
Castor	37,349	310	1,324	.....	.....	38,983	349	.....	.....	1,128	10	.....	40,450
Champion	6,835	.....	.....	.....	.....	6,835	.....	.....	.....	342	.....	.....	7,177
Drumheller	314,167	142,000	915,651	261,051	5,653	1,646,227	11,977	.....	6,440	19,137	5,513	136	1,678,132
Edmonton	380,878	1,209	1,834	1,179	.....	385,100	4,230	.....	.....	.....	.....	.....	389,330
Gleichen	16,430	.....	.....	.....	.....	16,430	.....	.....	.....	.....	.....	.....	16,430
Halcourt	546	.....	.....	.....	.....	546	7	.....	.....	.....	.....	.....	553
High Prairie	436	.....	.....	.....	.....	436	.....	.....	106	60	14	.....	588
Lethbridge	213,254	48,332	141,414	46,269	906	477,970	3,601	.....	341	193	209	.....	481,896
Milk River	1,629	.....	.....	.....	.....	1,629	.....	.....	.....	.....	.....	.....	1,629
Parkovki	216	.....	.....	.....	.....	216	.....	.....	.....	.....	.....	.....	216
Pembina	61,023	7,150	606	430	.....	68,779	3,333	.....	.....	75	.....	.....	72,187
Redcliff	5,467	.....	4,543	.....	.....	10,440	.....	.....	.....	.....	.....	.....	10,638
Rochester	4,257	.....	.....	.....	.....	4,257	.....	.....	.....	.....	.....	.....	4,257
Sheerness	18,101	1,583	28,228	990	.....	48,902	.....	.....	.....	884	.....	.....	49,786
Taber	13,992	10,159	10,364	5,937	.....	54,396	.....	.....	.....	4,828	2,120	.....	75,066
Tofield	82,802	7,203	11,430	160	.....	101,595	300	.....	17,962	.....	.....	.....	101,895
Wetaskiwin	1,085	.....	.....	.....	.....	1,085	.....	.....	.....	.....	.....	.....	1,085
Whitecourt	255	.....	.....	.....	.....	255	.....	.....	32	.....	.....	.....	287
No Area	2,418	.....	.....	.....	.....	2,418	.....	.....	591	.....	428	.....	2,581
Total	1,297,016	227,715	1,154,561	340,942	8,610	3,078,288	24,873	198	26,258	29,102	8,324	3,594	3,146,801

THE MINES BRANCH

How the total output of SUB-BITUMINOUS COAL was disposed of by Areas during 1944:

	Sold for Consumption in							Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output	
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Alaska	United States									Sold to Railroad Companies
Coalspur	36,181	252,451	15,267	43,374	947	1,064	9,209	220,797	579,290	39,127	4,873	1,384	29,115	2,344	105	651,340
Pekisko	5,726	.....	.....	.....	.....	.....	.....	.....	5,726	90	.....	322	274	.....	.....	5,864
Pincher	570	.....	.....	.....	.....	.....	.....	.....	570	.....	85	.....	.....	.....	.....	660
Prairie Creek	3,681	1,366	.....	.....	.....	.....	.....	.....	5,047	2,540	50	.....	.....	.....	.....	7,637
Saunders	8,677	1,002	23,037	22,995	514	.....	.....	.....	56,225	7,701	.....	.....	.....	.....	.....	63,926
Total	54,835	254,819	38,304	66,369	1,461	1,064	9,209	220,797	646,858	49,458	4,873	1,761	29,200	2,618	105	729,427

How the total output of BITUMINOUS COAL was disposed of by Areas during 1944:

	Sold for Consumption in:						Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Making Briquettes	Making Coke	Put to Stock	Put to Waste	Lifted from Stock	Total Output
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Ship's Bunkers	United States	Sold to Railroad Companies							
Cascade	8,661	9,688	5,506	16,559	.....	.....	204,705	245,119	19,596	588	97,924	6,201	420	6,534	363,314
Crowsnest	48,717	147,559	23,026	53,559	92	20,296	199,511	1,238,645	1,731,405	.....	.....	5,724	93,554	5,329	1,943,068
Mountain Park	14,497	39,179	3,678	55,598	.....	.....	8,500	716,001	837,453	34	101,633	.....	.....	.....	892,954
Nordegg	567	.....	.....	.....	.....	.....	.....	202,953	203,520	141,650	.....	705	.....	905	351,869
Total	72,442	196,426	32,210	125,716	92	20,296	208,011	2,362,304	3,017,497	588	239,608	12,630	93,974	12,768	3,551,205

How the total output of COAL from the Province was disposed of by months during 1944:

Months	Sold for Consumption in:							Total Sales	Used under Colliery Boilers	Used by R.R. Colliery	Used making Briquettes	Used making Coke	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output	
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	Ship's Bunkers	Alaska											United States	Sold to Railroad Companies
January	159,528	63,786	128,034	51,826	93	.....	.....	51,176	208,127	663,570	16,191	517	16,794	8,795	6,032	12,404	1,719	718,469
February	123,137	47,248	87,009	38,857	459	.....	.....	32,602	208,456	538,832	15,920	488	16,986	8,235	1,885	12,441	1,202	593,512
March	114,702	40,625	69,822	33,104	628	2,948	.....	24,948	230,875	517,652	16,127	489	20,891	8,860	1,713	13,580	2,825	576,457
April	61,565	44,514	46,805	20,827	419	7,841	.....	33,114	222,363	447,448	14,065	512	17,581	8,562	1,160	11,144	3,613	496,859
May	66,453	44,647	76,929	32,975	803	9,507	.....	23,046	246,401	500,761	13,219	490	19,822	8,571	2,598	11,964	2,442	554,835
June	80,268	36,789	98,849	42,765	388	.....	.....	10,754	190,053	459,966	12,917	496	20,842	8,048	2,333	10,964	3,255	512,218
July	76,656	46,660	82,589	38,982	554	.....	.....	13,713	201,957	461,121	12,927	497	18,618	8,323	2,362	9,887	1,341	512,394
August	105,933	61,761	119,168	38,526	465	.....	.....	15,404	219,162	570,419	13,952	502	22,852	8,605	2,527	13,687	1,634	630,350
September	119,536	59,831	113,442	52,446	1,336	.....	.....	12,865	227,161	586,617	13,065	498	20,802	7,970	2,893	12,896	934	643,807
October	138,956	71,325	126,407	61,326	1,403	.....	.....	12,902	212,914	625,233	13,842	496	23,147	8,781	4,649	12,015	1,370	686,723
November	191,018	81,913	135,335	61,513	1,542	.....	.....	19,079	202,891	693,291	14,374	543	22,075	8,454	8,360	16,458	1,934	761,511
December	186,441	79,861	130,676	49,880	2,073	.....	.....	17,061	212,741	678,733	16,555	131	19,198	8,429	4,137	14,836	1,441	740,268
Total	1,424,293	678,960	1,225,075	533,027	10,163	20,296	1,064	266,664	2,583,101	6,742,643	172,374	5,659	239,608	101,633	40,649	152,276	23,710	7,427,433
% Total Sales	21.12	10.07	18.17	7.90	.16	.30	.02	3.95	38.31									

How the total output of DOMESTIC COAL was disposed of by months during 1944:

Months	Sold for Consumption in						Total Sales	Used under Colliery Boilers	Used by R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	United States								
January	142,783	21,655	120,687	35,921	93	15,212	336,351	2,762	35	5,329	1,932	201	3,115	343,093
February	107,928	12,621	81,178	25,733	335	5,878	234,213	2,563	...	603	2,062	645	73	238,723
March	100,871	11,585	64,984	22,076	590	2,321	202,427	2,452	...	359	1,491	1,726	...	205,003
April	55,123	14,067	52,914	12,406	377	2,929	137,816	1,631	19	419	1,491	1,761	...	139,330
May	59,262	14,211	73,123	18,596	632	1,845	167,669	1,678	8	560	1,452	1,358	43	169,966
June	73,237	14,838	92,018	27,904	388	1,366	209,751	1,780	16	1,316	1,969	513	93	214,246
July	71,464	13,828	76,136	21,609	471	1,403	184,911	1,699	5	512	1,323	264	...	188,186
August	97,563	20,550	112,740	29,737	342	1,838	262,775	1,749	24	1,338	2,655	585	...	267,956
September	109,384	22,415	107,707	32,294	1,083	2,718	275,601	1,849	9	1,285	2,760	150	...	281,354
October	129,216	25,104	119,607	35,247	1,197	3,657	314,028	1,931	18	3,190	2,695	461	70	321,241
November	178,467	28,533	128,253	42,867	1,287	4,974	384,381	2,194	41	7,910	5,386	445	110	399,357
December	177,713	28,308	124,674	36,552	1,815	5,303	368,365	2,565	23	3,437	4,241	215	90	378,346
Total	1,297,016	227,715	1,154,561	340,942	8,610	49,444	3,078,288	24,873	198	26,258	29,102	8,324	3,594	3,146,801
% of Total Sales	42.13	7.40	37.51	11.07	.28	1.61								

How the total output of SUB-BITUMINOUS COAL was disposed of by months during 1944:

Months	Sold for Consumption in						Total Sales	Used under Colliery Boilers	Used by R.R.	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskat- chewan	Manitoba	Ontario	Alaska	United States	Sold to Railroad Companies						
January	7,464	27,988	3,770	7,493	124	1,064	1,530	18,958	4,569	432	28	2,106	207	74,131
February	6,572	25,408	2,727	8,556	38	1,392	1,392	18,915	4,715	436	126	2,211	6	72,240
March	4,296	19,507	1,593	5,565	38	1,997	1,997	23,333	4,724	437	426	2,798	661	64,053
April	3,535	18,887	1,882	3,055	42	803	803	19,989	4,311	436	34	2,298	155	55,117
May	4,135	17,992	2,169	4,559	171	238	238	21,262	3,541	432	281	2,280	112	56,843
June	3,280	13,465	4,097	3,580	83	279	279	17,610	3,584	432	196	2,426	253	48,221
July	2,102	18,401	3,283	4,982	83	889	889	23,520	3,524	448	196	2,689	40	59,447
August	3,609	20,510	3,827	5,609	123	328	328	16,061	3,640	424	51	2,856	120	57,479
September	5,567	19,803	3,421	5,336	207	712	712	19,259	3,712	444	347	3,150	93	61,481
October	4,303	23,265	3,498	7,287	206	502	502	22,153	4,250	436	178	2,428	50	68,666
November	5,375	24,533	4,219	5,590	255	502	502	10,929	4,275	456	5	2,212	171	58,180
December	4,597	25,060	3,818	4,757	212	539	539	8,808	4,613	60	89	1,766	750	53,569
Total	54,835	254,819	38,304	66,369	1,461	1,064	9,209	220,797	49,458	4,873	1,761	29,200	2,618	729,427
% of Total Sales	8.48	39.39	5.92	10.26	0.23	.17	1.42	34.13						

Amount of COAL sold during the years 1915 to 1944 (inclusive) for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	North-West Territories	Quebec	United States	To Railroads	Alaska	Total
1915	2,129,130	54,860	695,898	64,816	.....	.....	.....	25,047	.....	.....	2,969,751
1916	2,866,670	36,413	1,007,765	97,265	.....	.....	.....	61,092	.....	.....	4,119,205
1917	2,813,413	76,397	1,139,771	249,872	.....	.....	.....	93,081	.....	.....	4,372,534
1918	3,440,154	101,189	1,372,439	511,168	629	.....	.....	133,276	.....	.....	5,558,855
1919	2,991,110	95,461	1,115,329	314,290	308	.....	.....	121,212	.....	.....	4,637,710
1920	1,647,202	128,850	1,310,146	600,962	13,911	.....	30	152,610	2,516,555	.....	6,371,266
1921	1,415,861	116,089	1,294,441	495,388	9,898	.....	.....	133,823	2,023,204	.....	5,488,704
1922	1,443,942	107,920	1,371,249	520,518	21,573	.....	102	105,514	2,076,291	.....	5,647,109
1923	1,382,788	108,326	1,223,454	553,649	52,334	.....	.....	83,557	3,110,121	.....	6,514,219
1924	1,431,327	114,186	1,189,788	510,407	16,525	.....	.....	39,142	1,613,574	.....	4,914,949
1925	1,440,032	117,037	1,297,653	509,655	28,831	.....	221	40,507	2,139,716	.....	5,373,431
1926	1,325,290	127,858	1,296,181	591,267	74,559	.....	.....	48,216	2,706,440	.....	6,170,032
1927	1,508,089	137,028	1,427,904	612,542	22,680	.....	.....	45,160	2,759,765	.....	6,653,168
1928	1,409,475	262,198	1,511,141	605,125	44,265	.....	.....	52,265	3,054,239	.....	6,938,708
1929	1,446,555	236,840	1,455,213	588,647	55,647	.....	33	51,625	2,923,827	.....	6,758,075
1930	1,234,382	227,385	1,221,542	541,537	29,784	.....	32	44,291	2,120,237	.....	5,419,190
1931	1,020,694	171,610	905,574	442,761	27,036	.....	100	30,434	1,668,451	.....	4,266,660
1932	1,134,311	136,188	1,097,382	497,006	20,583	.....	135	27,366	1,619,921	.....	4,532,892
1933	1,123,357	120,911	1,052,910	449,681	39,437	.....	32	15,449	1,500,061	.....	3,304,838
1934	1,087,898	127,638	986,639	391,132	55,947	31	.....	13,739	1,687,850	.....	4,350,874
1935	1,246,959	221,758	1,120,816	435,813	64,659	.....	.....	24,712	1,960,355	.....	5,075,272
1936	1,356,690	244,928	1,238,730	450,740	65,886	.....	.....	27,397	1,969,358	.....	5,353,940
1937	1,326,054	269,023	1,085,812	437,954	62,521	82	.....	41,328	2,028,389	.....	5,251,163
1938	1,278,932	238,435	1,011,207	413,663	74,111	83	.....	32,507	1,871,852	.....	4,920,790
1939	1,241,618	239,227	1,044,367	409,046	90,206	.....	.....	33,139	2,109,684	.....	5,167,287
1940	1,311,644	237,642	1,019,035	354,857	133,587	14	.....	35,354	2,720,793	.....	5,812,926
1941	1,335,606	304,928	1,052,913	430,663	234,606	.....	.....	32,742	3,090,290	.....	6,481,748
1942	1,474,795	652,222	1,269,669	580,336	231,258	.....	.....	98,197	2,864,586	.....	7,171,063
1943	1,560,212	864,911	1,455,612	627,368	1,190	.....	.....	414,627	2,098,535	.....	7,071,753
1944	1,424,293	678,960	1,225,075	533,027	10,163	.....	.....	268,664	2,583,101	1,064	6,742,643

NOTE: Previous to 1920 Railroad Coal was included in Sales in Alberta.

NOTE: Included in the above total are 49,298 tons for Ship's Bunkers in 1943.

NOTE: Included in the above total are 20,296 tons for Ship's Bunkers in 1944.

THE MINES BRANCH

Coal produced by years from 1940 to 1944 inclusive:
DOMESTIC COAL FIELD

Area	1940	1941	1942	1943	1944
Ardley	17,723	10,916	5,938	10,239	7,109
Big Valley	2,594	4,006	4,708	12,836	5,471
Brooks	11,326	11,446	14,097	30,381	88,364
Camrose	59,646	54,786	47,627	63,834	65,295
Carbon	70,851	57,207	63,750	68,391	46,379
Castor	42,416	43,006	42,482	59,764	40,450
Champion	14,983	13,203	12,369	11,776	7,177
Drumheller	1,287,935	1,458,455	1,785,021	1,838,738	1,678,132
Edmonton	483,924	477,637	514,479	457,002	389,330
Gleichen	23,221	25,642	21,979	21,369	16,430
Halcourt	3,163	3,595	2,403	1,873	553
High Prairie				191	588
Lethbridge	327,817	339,579	470,065	579,234	481,896
Magrath	305	21			
Milk River	5,156	3,848	1,368	2,634	1,629
Pakan	95				
Pakowski	1,328	635	469	419	216
Pembina	50,420	66,746	58,980	53,611	72,187
Redcliff	30,418	25,837	24,969	28,165	10,638
Rochester	1,965	1,980	3,289	7,287	4,257
Sexsmith	234	88			
Sheerness	30,606	39,205	50,490	58,933	49,786
Taber	13,324	14,852	13,191	20,596	75,066
Tofield	51,208	56,485	73,368	85,313	101,895
Westlock		1,314			
Wetaskiwin	3,831	2,546	1,783	3,272	1,085
Whitecourt	317	219	288	179	287
No Area	2,399				2,581
Total	2,537,205	2,713,254	3,213,113	3,416,037	3,146,801

SUB-BITUMINOUS COAL FIELD

Coalspur	448,619	509,933	658,061	713,082	651,340
Morley	73				
Pekisko	5,673	6,977	10,786	11,802	5,864
Pincher	606	823	606	451	660
Prairie Creek	100,753	16,988		1,828	7,637
Saunders	42,962	50,732	64,094	64,789	63,826
Total	598,686	585,453	733,547	791,952	729,427

BITUMINOUS COAL FIELD

Cascade	206,732	322,202	337,659	343,476	363,314
Crownsnest	1,616,467	2,021,155	2,170,222	1,962,557	1,943,068
Highwood	305	700	271		
Mountain Park	1,011,252	985,751	932,403	843,411	892,954
Nordegg	234,441	341,549	367,064	320,549	351,869
Total	3,069,197	3,671,357	3,807,619	3,469,993	3,551,205

Total output of DOMESTIC COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	673	384	303	86	38	86	142	238	479	954	1,873	1,853	7,109
Big Valley	891	552	338	323	137	33	118	270	331	336	1,180	1,962	5,471
Brooks	782	4,757	809	266	94	181	235	5,585	9,564	15,288	25,693	25,090	88,364
Carrose	10,583	5,451	4,966	1,836	1,868	1,370	2,264	3,360	4,257	6,261	12,363	10,716	65,295
Carbon	3,995	2,751	3,055	1,507	1,418	2,045	2,120	3,045	4,056	6,085	8,957	7,345	46,379
Castor	3,967	3,681	2,261	514	361	420	694	2,006	2,356	2,838	12,428	12,428	40,450
Champion	661	618	742	333	449	333	537	752	632	802	838	495	7,177
Drumheller	174,426	125,742	104,139	79,521	108,764	142,156	108,386	163,320	161,229	163,723	177,376	168,850	1,678,132
Edmonton	48,057	39,551	39,763	9,915	14,251	16,834	23,265	31,775	32,737	39,512	46,956	47,078	389,330
Gleichen	1,753	1,436	1,716	402	503	656	714	1,037	1,261	2,110	2,750	2,092	16,430
Halcourt	354	58	36	.....	.....	.....	.....	.....	.....	58	46	130	553
High Prairie	171	119	25,831	64	.....	36,950	37,495	44,793	47,082	49,699	54,697	51,096	588
Lethbridge	51,509	30,479	23,467	23,467	28,798	61	73	130	255	453	268	91	481,896
Milk River	122	59	90	10	19	.....	13	.....	.....	.....	.....	.....	1,629
Pakowki	15	8	10	.....	.....	.....	.....	.....	25	69	32	44	216
Pembina	8,366	6,786	7,045	4,970	5,092	4,483	5,448	3,218	4,862	6,455	7,064	8,398	72,187
Redcliff	1,895	376	485	394	166	390	468	962	591	1,484	2,092	1,335	10,638
Rochester	663	384	32	9	9	.....	.....	9	35	155	1,132	1,250	4,257
Sheerness	4,768	4,645	5,746	4,469	2,213	1,868	1,712	2,410	2,945	5,745	6,648	6,617	49,786
Taber	15,178	3,016	888	482	339	357	184	314	1,419	14,050	25,128	13,661	75,066
Tofield	14,038	7,376	6,158	10,478	5,068	5,730	3,471	4,349	7,274	4,898	14,820	18,235	101,895
Wetaskiwin	105	150	100	.....	.....	.....	20	35	35	.....	290	150	1,085
Whitecourt	71	75	55	.....	.....	.....	.....	.....	.....	.....	86	.....	287
No Area	50	76	83	276	445	168	307	348	293	66	125	344	2,581
Total	343,093	238,723	205,003	139,330	169,966	214,246	188,186	267,956	281,354	321,241	399,357	378,346	3,146,801

Total output of SUB-BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	66,027	63,466	57,698	51,971	51,231	41,879	54,666	50,711	55,156	61,426	50,470	46,639	651,340
Pekisko	1,114	1,081	602	240	102	304	.....	586	425	510	480	420	5,864
Pincher	94	69	59	21	16	36	43	84	61	55	55	80	660
Prairie Creek	672	1,229	1,032	456	626	395	.....	285	746	811	670	715	7,637
Saunders	6,224	6,395	4,662	2,429	4,898	5,607	4,738	5,813	5,093	5,877	6,505	5,715	63,936
Total	74,131	72,240	64,053	55,117	56,843	48,221	59,447	57,470	61,481	68,666	58,180	53,569	729,427

Total output of BITUMINOUS COAL by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	31,861	29,693	34,143	30,922	31,936	31,534	25,515	33,165	27,972	27,709	30,738	28,126	363,314
Crowsnest	177,348	161,131	170,285	161,603	184,667	135,732	140,980	162,102	162,067	153,159	163,725	169,669	1,943,068
Mountain Park	66,709	61,884	67,772	81,334	79,890	50,431	71,023	80,870	82,112	85,675	79,971	85,683	892,954
Nordeggs	25,327	29,841	35,231	28,553	31,533	32,354	27,243	28,778	28,821	29,673	29,540	24,075	331,869
Total	301,245	282,549	307,431	302,412	328,026	249,751	264,761	304,915	300,972	296,816	303,974	308,353	3,551,205

Total output of COAL, COKE and BRIQUETTES during the year:

Coal	718,469	593,512	576,487	496,859	554,835	512,218	512,394	630,350	643,807	686,723	761,511	740,268	7,427,433
Coke	5,874	5,490	5,977	5,703	5,904	5,405	5,548	5,767	5,244	5,696	5,374	5,339	67,821
Briquettes	17,790	18,002	22,064	18,647	20,959	22,098	19,773	24,308	22,042	23,295	24,335	20,279	253,592

Total Sales of SUB-BITUMINOUS COAL for consumption by Railroad Companies:

Coalspur	18,958	18,915	23,333	19,989	21,262	17,610	23,520	16,061	19,259	22,153	10,929	8,808	220,797
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Total Sales of BITUMINOUS COAL for consumption by Railroad Companies:

Cascade	19,237	17,468	19,927	18,695	19,966	16,982	13,052	17,429	15,230	15,657	16,393	14,669	204,705
Crowsnest	98,739	99,826	110,276	97,328	121,306	97,968	92,316	105,927	112,970	95,151	100,502	106,336	1,239,645
Mountain Park	55,013	52,854	54,658	68,147	64,125	38,267	57,024	65,319	64,593	66,472	59,726	69,803	716,001
Nordeggs	16,180	19,393	22,681	18,204	19,742	19,226	16,045	14,426	15,109	13,481	15,341	13,125	202,953
Total	189,169	189,541	207,542	202,374	225,139	172,443	178,437	203,101	207,902	190,761	191,962	203,933	2,362,304
Grand Total	208,127	208,456	230,875	222,363	246,401	190,053	201,957	219,162	227,161	212,914	202,891	212,741	2,583,101

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	673	384	303	86	38	86	142	238	479	954	1,863	1,563	6,809
Big Valley	36	20	25	7					50	50	60	80	328
Brooks									22	74	206	268	570
Camrose	232	201	109	9	266			673	725	1,110	679	694	2,300
Carbon	1,327	785	558	169	517	418	295		1,387	1,387	2,573	1,978	11,405
Castor	1,792	1,637	1,244	225	153	317	372	1,200	1,477	1,593	5,316	4,492	19,818
Champion													
Drumheller	239	306	190	11	162	331	86	356	445	279	516	535	3,456
Edmonton	7,144	10,996	8,540	5,203	5,277	6,619	7,083	5,512	3,936	5,773	7,165	7,495	79,743
Gleichen	1,065	872	983	338	421	486	622	964	1,170	1,348	1,615	1,360	11,244
Halcourt													
High Prairie	9	10		5						38	5		67
Lethbridge	543	372	362	138	119	147	254	550	507	555	627	392	4,566
Milk River	122	57	90	10	19	61	73	130	255	433	268	91	1,629
Pakowki	15	8	10				13		25	69	32	44	216
Pembina	3,924	3,884	3,803	3,572	4,545	3,779	3,542	1,898	2,481	3,305	3,723	4,359	42,815
Redcliff	91			18	21	2		29	28		402	113	704
Rochester	620	492	345	31	7	9		6	31	150	1,054	1,182	3,927
Sheerness	1,770	1,283	290	319	359	498	284	460	807	1,445	3,489	1,886	12,890
Taber	77	110	198	130		130	99	52	176	10	4	12	888
Tofield	8,262	5,163	3,541	8,410	4,227	4,574	2,273	1,970	5,283	2,191	8,169	9,968	64,031
Wetaskiwin	75	100	50				20	35	30	150	200	100	760
Whitecourt	20	12										12	44
No Area						11	88						99
Total	28,036	26,692	20,443	18,749	16,131	17,468	15,246	14,073	17,927	19,934	37,966	35,624	268,289

NUT COAL

Ardley	184	91	116	79	17			62	57	46	325	83	1,064
Big Valley	17	473	16	10			4	184	201	225	975	960	3,061
Brooks	1,913	2,323	2,451	833	487	428	650	1,030	1,240	1,737	3,747	2,878	19,717
Camrose	371	323	362	121	104	136	376	481	345	593	1,094	606	4,912
Carbon	52	18	42					6	9	30	125	445	727
Castor													
Champion	108	102	124	56	67	82	90	123	93	111	105	79	1,140
Drumheller	6,775	5,715	6,399	4,233	4,964	6,994	5,437	8,090	7,519	7,585	8,996	9,731	82,438
Edmonton	11,020	10,604	12,174	1,918	4,083	3,732	5,249	8,029	8,550	9,880	12,518	12,294	100,051
Gleichen	241	191	269	20	28	62	27	21	29	276	415	265	1,844

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SLACK COAL

[illegible]

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	2,636	2,048	1,915	1,374	1,023	1,625	1,004	1,362	1,864	1,404	1,835	1,481	19,571
Pekisko	47	6	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	88
Pincher	56	50	37	16	9	30	27	67	48	33	45	62	480
Prairie Creek	207	471	303	46	185	95	.....	25	299	266	203	204	2,304
Saunders	370	552	168	40	255	341	296	325	378	438	492	642	4,297
Total	3,316	3,127	2,458	1,476	1,472	2,091	1,327	1,779	2,589	2,141	2,575	2,389	26,740

MINE-RUN COAL

Coalspur	471	88	82	62	125	61	69	58	114	72	75	163	1,440
Pekisko	895	1,027	135	277	214	334	.....	616	425	510	480	420	5,333
Pincher	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prairie Creek	112	31	21	55	50	54	10	11	95	14	102	69	624
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,478	1,146	238	394	389	449	79	685	634	596	657	652	7,397

NUT COAL

Coalspur	1,456	1,119	574	1,076	1,878	462	497	941	2,144	957	1,168	619	12,891
Pekisko	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
Pincher	22	7	12	.....	4	.....	9	9	7	5	5	10	90
Prairie Creek	93	190	145	21	48	.....	.....	10	59	157	57	105	885
Saunders	338	401	304	65	285	278	190	162	89	332	417	312	3,173
Total	1,909	1,717	1,035	1,227	2,215	740	696	1,122	2,299	1,451	1,647	1,046	17,104

SLACK COAL

Coalspur	392	313	299	363	12					425	475	2,279
Pekisko	142	18	80									240
Pincher												
Prairie Creek	92	187	145	21	47							492
Saunders	135	64	41	54			23	45	115	71	35	583
Total	761	582	565	438	59		23	45	115	496	510	3,594

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Alberta:

LUMP COAL

	154	142	121	34	24	22	44	50	64	135	147	164	1,101
Cascade	194	314	357	139	130	114	118	119	220	272	245	518	2,943
Crownest	473												
Mountain Park													
Nordegg													
Total	821	456	478	173	154	136	162	205	417	672	655	682	5,011

MINE-RUN COAL

[illegible]

NUT COAL

Cascade		382	313	444	154	324	272	205	455	234	186	345	472	3,796
Crownst.		178	272	360	316	176	130	195	522	257	326	321	333	3,414
Mountain Park		545	337	845	345	435	332	134	518	793	380	544	655	5,881
Nordegg		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total		1,105	922	1,649	813	935	734	554	1,525	1,284	892	1,210	1,458	13,081

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	451	790	183		492	979	485	321	73	1,098	1,629	3,496	3,774
Crowsnest	3,551	3,058	3,790	255	182	327	645	1,046	96				19,175
Mountain Park	48	2							56				106
Nordegg													
Total	4,050	3,850	3,973	255	674	1,306	1,130	1,367	225	1,098	1,629	3,496	23,053

Total amount of Domestic Coal disposed of by Areas during each month for consumption in British Columbia:

LUMP COAL

Big Valley	48	48			23		21		41	178	86	829	1,710	140
Brooks	42					20	64		44	42			212	2,844
Camrose			40			46			45	340	730	329	342	1,872
Carbon													230	230
Castor		5,502	4,679	5,415	6,240	5,652	5,041	8,329	8,590	8,587	8,734	8,734	9,088	83,867
Drumheller	127		82				81	126	126	83	121	86		706
Edmonton	3,662	2,510	2,265	1,429	2,271	2,230	2,495	2,803	2,887	2,913	3,183	3,549	3,549	32,917
Lethbridge	1,170	1,411	324	147		46	890	370	912	832	425	572	572	5,829
Pembina		42								592	1,974	1,734	4,962	
Taber	620												1,410	
Tofield	1,370													
Total	15,049	8,243	7,390	6,991	8,534	7,994	8,592	11,714	12,949	13,867	15,595	17,351	134,269	

MINE-RUN COAL

Castor					81	89		260	129	169	41	80	80
Drumheller													769
Lethbridge													43
Pembina			43										
Redcliff				1,022	208					64		289	1,583
Sheerness													
Taber		582	1,112	1,450	124	399	227	1,084	482				5,793
Tofield	333												
Total	333	582	1,155	2,472	413	488	227	1,344	611	233	41	369	8,268

NUT COAL

Big Valley	100	97	47	24	19	244	344	1,230	1,063	287
Brooks	42	42	.....	.....	22	43	.....	.....	.....	2,881
Camrose	45	.....	.....	.....	64	287	424	183	301	213
Carbon	3,794	2,517	3,153	3,855	3,075	5,214	4,695	5,990	5,516	1,284
Drumheller .....	.....	.....	.....	.....	.....	80	172	83	42	48,692
Edmonton	768	674	742	666	899	901	1,591	897	882	503
Lethbridge	44	.....	78	41	124	162	418	288	84	10,476
Pembina .....	.....	.....	.....	.....	39	.....	1,281	2,690	1,226	1,278
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,197
Total	4,793	3,288	4,020	4,586	4,953	6,357	8,749	10,773	9,114	70,811

SLACK COAL

Brooks	814	85	175	135	297	892	360	754	940	1,875	36	36
Drumheller .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,672
Edmonton	666	423	147	449	381	511	424	381	680	380	613	5,659
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,480	508	322	584	678	1,403	784	1,135	1,620	2,255	2,124	14,367

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Coalspur	15,380	14,241	11,097	7,882	9,057	7,476	9,923	10,630	11,001	12,066	13,377	12,725	134,855
Prairie Creek	130	206	264	168	96	.....	.....	136	178	90	90	96	1,366
Saunders	41	85	.....	43	81	134	.....	88	86	103	131	106	898
Total	15,551	14,532	11,361	8,093	9,234	7,610	9,923	10,718	11,225	12,347	13,598	12,927	137,119

MINE-RUN COAL

Coalspur	718						371	647					1,736
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NUT COAL

Areas	Jan	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	8,899	10,004	7,507	9,483	7,496	5,479	6,591	7,363	7,521	9,278 34	9,688 35	11,412 35	100,721 104
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	8,899	10,004	7,507	9,483	7,496	5,479	6,591	7,363	7,521	9,312	9,723	11,447	100,825

SLACK COAL

Coalspur	2,820	872	639	1,311	1,262	376	1,516	1,782	1,057	1,606	1,212	686	15,139
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Total amount of Bituminous Coal disposed of by areas during each month for consumption in British Columbia:

LUMP COAL

Cascade	1,709	1,018	325	48	216	407	777	1,281	989	1,475	508	661	47
Crowsnest	767	440	522	450	196	146	890	710	606	668	642	452	9,414
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,489
Total	2,476	1,458	847	498	412	553	1,714	1,991	1,595	2,143	1,150	1,113	15,950

MINE-RUN COAL

Cascade	2,400	435	277	131	661	108	284	314	665	45	44	134	1,287
Crowsnest	191	134	872	877	28	36	52	337	349	349	96	92	6,872
Mountain Park	.....	.....	135	85	28	38	71	799	1,075	1,163	562	320	4,601
Total	2,591	569	1,234	1,093	689	182	407	1,450	1,740	1,557	702	546	12,760

NUT COAL

Cascade	425	378	626	678	468	536	463	1,008	516	458	1,534	1,264	8,354
Crowsnest	234	233	346	527	350	414	583	734	621	2,079	2,540	3,120	11,781
Mountain Park	742	234	281	690	982	734	754	1,031	1,489	927	1,291	1,694	10,849
Total	1,401	845	1,253	1,895	1,800	1,684	1,800	2,773	2,626	3,464	5,365	6,078	30,984

SLACK COAL

Cascade	6,146	5,314	5,570	7,477	9,363	5,881	10,510	14,487	10,548	12,181	16,908	15,107	119,492
Crowsnest	1,529	1,033	629	597	180	186	.....	.....	1,104	3,611	4,722	3,649	17,240
Mountain Park .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	7,675	6,347	6,199	8,074	9,543	6,067	10,510	14,487	11,652	15,792	21,630	18,756	136,732

Total amount of Domestic Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Ardley .....	.....	1,262	.....	.....	.....	.....	.....	1,345	2,333	4,532	6,451	6,078	22,001
Brooks	2,098	32	42	.....	253	85	86	85	166	127	260	258	3,492
Camrose .....	.....	41	.....	.....	.....	180	123	45	42	191	48	130	800
Carbon	49	33,145	24,359	22,222	33,818	43,620	31,152	47,743	45,060	46,163	47,553	595	1,098
Castor	49,110	302	43	43	212	212	123	43	43	196	166	84	471,320
Drumheller	12,701	4,368	3,443	4,172	6,059	7,726	8,338	10,020	9,544	9,719	11,154	10,376	1,212
Edmonton .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97,620
Lethbridge	226	.....	.....	.....	44	131	43	82	.....	261	347	94	94
Pembina	601	248	617	245	.....	.....	44	.....	80	162	326	383	1,517
Redcliff	469	36	.....	.....	.....	.....	.....	.....	37	2,090	2,888	1,263	3,588
Sheerness	334	289	124	39	.....	40	163	414	286	498	529	1,275	6,795
Taber .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	454	3,110
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	65,890	39,875	28,585	26,721	40,174	5,1994	40,072	59,777	57,591	63,939	69,724	68,365	612,707

MINE-RUN COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Camrose													436
Carbon	899	387	385	45	187	52	297	341	50	53	49		5,034
Drumheller				42	260	388			516	489	512	538	
Edmonton													
Lethbridge							49						197
Pembina	713	148	366	134									1,545
Redcliff	772	332	2,393	1,524	508	325	169	369	326	1,366	673	286	9,904
Sheerness													
Taber	295	330	332	415	610	610	665	585	759	924	1,283	1,452	8,260
Tofield													
Total	2,679	2,390	3,476	2,160	1,565	1,375	1,180	1,295	1,651	2,812	2,517	2,276	25,376

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Brooks													8,900
Camrose													752
Carbon	88	314						41	83	173	315	131	272
Castor									45	46	46		76
Drumheller	25,330	18,464	16,047	12,414	16,540	21,313	16,030	24,597	23,259	23,062	26,082	23,614	246,752
Edmonton							82	79	87	93	85		426
Lethbridge	4,545	2,009	1,693	1,628	2,417	3,069	3,544	3,309	3,274	3,179	4,102	4,428	37,197
Pembina				39		39	79		40			81	315
Redcliff		1,092	1,131	856	654	677	826	1,006	976	1,068	823	1,297	11,320
Sheerness	914								79	1,434	531	735	3,407
Taber	628												
Total	31,505	21,925	18,871	1,4937	19,611	25,098	20,561	29,489	29,125	31,342	34,420	31,173	309,417

SLACK COAL

Brooks	89	271	.....	.....	.....	45	.....	42	268	639	475	.....	2,109
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	405
Castor	17,211	13,326	8,625	11,357	12,912	13,194	20,186	18,030	19,398	19,316	19,497	150	150
Drumheller	19,493	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	192,545
Edmonton	557	.....	182	180	148	839	1,080	648	916	1,096	951	.....	196
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,597
Pembina	385	.....	55	.....	58	57	180	60	215	256	215	.....	1,481
Redcliff	178	.....	234	236	192	233	331	334	346	329	320	.....	3,416
Sheerness .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	162
Taber	228	455	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42
Total	20,613	17,528	14,052	9,096	11,773	13,551	14,323	21,819	19,340	21,514	21,592	21,360	207,061

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Coalspur	475	127	131	282	165	291	212	159	250	359	253	329	3,043
Saunders	987	1,113	257	371	766	1,118	808	993	704	188	940	1,168	10,024
Total	1,462	1,240	388	663	931	1,409	1,020	1,152	954	1,158	1,193	1,497	13,067

MINE-RUN COAL

Coalspur													
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NUT COAL

Coalspur	206	354	219	733	163	994	1,058	1,492	1,036	1,170	1,751	1,156	10,331
Saunders	736	361	479	368	543	458	381	521	836	649	674	574	6,580
Total	942	715	698	1,101	706	1,452	1,439	2,013	1,872	1,819	2,425	1,729	16,911

SLACK COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	557	239	.....	.....	.....	738	312	.....	47	.....	.....	.....	1,893
Saunders	809	533	507	118	532	498	512	662	548	521	601	592	6,433
Total	1,366	772	507	118	532	1,236	824	662	595	521	601	592	8,326

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Saskatchewan:

LUMP COAL

Cascade .....	.....	45	.....	.....	.....	44	.....	47	88	.....	88	.....	312
Crowsnest	230	.....	48	46	186	373	575	460	322	617	267	393	3,517
Mountain Park .....	.....	.....	.....	44	.....	.....	.....	.....	.....	44	.....	.....	88
Total	230	45	48	90	186	417	575	507	410	661	355	393	3,917

MINE-RUN COAL

Cascade .....	.....	43	1	.....	43	.....	85	131	.....	.....	46	89	438
Crowsnest	666	522	660	624	239	901	1,057	705	668	1,046	860	823	8,771
Mountain Park	49	93	.....	.....	.....	.....	138	.....	.....	45	93	.....	418
Total	715	658	661	624	282	901	1,280	836	668	1,091	999	912	9,627

NUT COAL

Cascade	90	261	437	261	262	265	506	547	503	511	685	428	4,756
Crowsnest	429	281	462	270	531	773	512	475	147	769	515	144	5,318
Mountain Park	388	257	468	340	178	215	44	86	350	130	216	173	2,845
Total	907	799	1,367	871	981	1,253	1,062	1,108	1,000	1,410	1,416	745	12,919

SLACK COAL

Crowsnest	1,725	1,062	1,169	189	188	163	263	150	236	48	93	134	5,420
Mountain Park .....	.....	.....	.....	235	.....	.....	.....	.....	.....	92	.....	.....	327
Total	1,725	1,062	1,169	424	188	163	263	150	236	140	93	134	5,747

Total amount of Domestic Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Brooks	721	.....	.....	.....	.....	.....	.....	1,348	1,570	2,834	4,868	4,977	16,316
Canrose	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	47	.....	257
Carbon	16,532	15,448	7,486	10,361	13,670	12,220	12,220	18,082	19,076	20,017	19,732	17,602	192,281
Drumheller	200	.....	33	33	127	127	127	125	41	169	127	85	907
Edmonton	3,690	1,389	2,027	3,281	4,148	3,234	3,234	2,704	2,418	2,591	2,934	2,375	33,095
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	170	.....	.....	45	.....	.....	.....	.....	.....	85	88	42	430
Redcliff .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheerness	685	.....	.....	.....	.....	.....	.....	.....	35	493	585	433	2,231
Taber	42	.....	.....	.....	.....	.....	.....	.....	39	40	39	.....	160
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	27,102	19,597	16,837	9,513	13,720	17,945	15,454	22,259	23,179	26,229	28,418	25,514	245,677

MINE-RUN COAL

Drumheller	86	258	85	88	88	42	.....	.....	.....	42	82	81	852
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Redcliff .....	.....	97	417	96	122	.....	.....	.....	.....	258	.....	.....	990
Sheerness .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	86	355	502	184	210	42	.....	.....	.....	300	92	81	1,842

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Brooks		306						434	1,624	874	2,055	3,015	8,308
Carbon		3,978	3,127	1,647	3,450	5,052	5,149	5,715	5,451	5,934	6,720	6,486	57,999
Drumheller	5,690					45							45
Edmonton	10				9	44		83				42	57,272
Lethbridge	1,419	595	901	851	816	1,297	495	721	1,014	865	1,071	1,079	11,124
Pembina													
Sheerness													
Taber	426								74	872	1,668	577	3,617
Total	7,545	4,879	4,028	2,498	4,275	7,038	5,664	6,953	8,163	8,629	11,514	10,199	81,365

SLACK COAL

Carbon	830												
Drumheller		902	709	211	391	2,879	511	255	952	89	1,890	360	9,919
Edmonton								270			963	369	2,050
Lethbridge	448											89	
Taber													
Total	1,278	902	709	211	391	2,879	511	525	952	89	2,853	758	12,058

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Coalspur	3,460	3,636	1,788	1,742	2,588	1,029	2,243	2,456	1,946	2,479	2,469	2,694	28,530
Saunders	1,358	1,482	1,573	634	1,088	1,189	1,238	1,234	1,256	1,358	1,369	879	14,658
Total	4,818	5,118	3,361	2,376	3,676	2,218	3,481	3,690	3,202	3,837	3,838	3,573	43,188

MINE-RUN COAL

Saunders	37		44			43				42		45	211
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NUT COAL

Coalspur	1,509 335	1,540 468	1,503 258	425 70	183 323	235 561	526 436	505 765	1,044 134	2,156 392	456 385	253 375	10,335 4,502
Total.....	1,844	2,008	1,761	495	506	796	962	1,270	1,178	2,548	841	628	14,837

SLACK COAL

Coalspur	555 239	863 567	87 312	 184	124 253	200 323	287 252	324 325	733 223	533 327	459 452	344 167	4,509 3,624
Total.....	794	1,430	399	184	377	523	539	649	956	860	911	511	8,133

Total amount of Bituminous Coal disposed of by areas during each month for consumption in Manitoba:

LUMP COAL

Cascade	46 1,351	98 641	 1,151	 136	48 597	90 410	47 869	96 1,333	47 932	179 1,997	 905	46 863	697 11,205
Crowsnest	41	44	.....	85	42	200	174	88	56	98	44	.....	872
Mountain Park	1,438	783	1,151	221	687	700	1,090	1,517	1,035	2,274	949	929	12,744
Total.....	1,438	783	1,151	221	687	700	1,090	1,517	1,035	2,274	949	929	12,744

MINE-RUN COAL

Cascade	171 427	131 192	135 93	43 97	 325	43 191	45 712	132 673	135 365	88 482	395 414	390 449	1,708 4,420
Crowsnest .....	.....	50	.....	60	.....	341	879	.....	374	143	290	44	2,181
Mountain Park	598	373	228	200	325	575	1,636	805	874	713	1,099	883	8,309
Total.....	598	373	228	200	325	575	1,636	805	874	713	1,099	883	8,309

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Cascade	875	970	796	1,103	670	1,049	1,226	1,398	1,034	1,375	943	678	12,117
Crownest	388	295	329	529	964	670	514	850	1,179	751	538	325	6,332
Mountain Park	478	130	436	389	395	310	492	662	1,142	1,168	1,599	1,117	8,318
Total	1,741	1,395	1,561	2,021	2,029	2,029	2,232	2,910	2,355	3,294	3,080	2,120	26,767

SLACK COAL

Cascade	123	165	85	126	.....	469	135	205	566	.....	83	82	2,037
Crownest	3,467	1,191	1,553	787	770	3,086	2,153	1,386	4,555	6,992	2,550	3,112	31,602
Mountain Park	1,045	661	887	2,011	6,009	4,422	5,145	6,357	5,431	5,519	5,295	1,445	44,227
Total	4,635	2,017	2,523	2,924	6,779	7,977	7,433	7,948	10,552	12,511	7,928	4,639	77,866

Total amount of Domestic Coal disposed of by areas during each month for consumption in Ontario:

LUMP COAL

Brooks	84	293	.....	.....	.....	.....	.....	.....	.....	129	84	288	585
Drumheller	125	.....	208	336	.....	.....	209	89	210	256	300	211	2,236
Edmonton .....	.....	.....	.....	42	.....	174	43	82	41	42	.....	43	560
Lethbridge	93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	93	209	293	208	377	174	252	171	251	427	384	542	3,381

NUT COAL

Brooks .....	.....	126	297	84	211	127	130	.....	41	264	445	716	1,466
Drumheller .....	.....	.....	.....	43	44	.....	.....	44	447	418	458	514	2,856
Lethbridge .....	.....	.....	.....	.....	.....	.....	.....	43	85	88	.....	43	346
Total .....	.....	126	297	127	255	127	130	87	573	770	903	1,273	4,668

Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in Alaska:

NUT COAL

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur		1,064											1,064

Total amount of Domestic Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Carbon	2,664	497	83	167		123	82	206	123	162	164	41	4,312
Drumheller	2,664	2,058	1,323	1,090	736	767	694	647	1,494	1,692	1,629	2,036	16,830
Lethbridge	3,229	823	85									318	4,455
Taber													
Total	8,557	3,378	1,491	1,257	736	890	776	853	1,617	1,854	1,793	2,395	25,597

NUT COAL

Carbon	2,106	429	85	45	92	82		86	128	170	86	84	3,393
Drumheller	1,527	1,176	678	632	491	394	627	899	973	904	1,346	1,318	10,965
Lethbridge	3,022	451	37	995	526					729	1,749	1,506	9,015
Taber													
Total	6,655	2,056	800	1,672	1,109	476	627	985	1,101	1,803	3,181	2,908	23,373

SLACK COAL

Taber		444	30										474
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Total amount of Sub-Bituminous Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Coalspur	1,162	1,271	448	521	238		234	343	82	468	502	539	5,808
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NUT COAL

Coalspur	368	121	1,549	282		45	546	246	244		3,401
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Total amount of Bituminous Coal disposed of by areas during each month for consumption in United States:

LUMP COAL

Crowsnest Mountain Park	9,258 115	4,782 57	154	1,494	378	391	870	619	682	257	570	328	19,783 172
Total	9,373	4,839	154	1,494	378	391	870	619	682	257	570	328	19,955

MINE-RUN COAL

Crowsnest Mountain Park	3,281	3,748	4,343 3,088	17,051 2,988	12,336 2,212	5,018	5,621	2,559	35	1,009	3,725	1,465	60,191 8,288
Total	3,281	3,748	7,431	20,039	14,548	5,018	5,621	2,559	35	1,009	3,723	1,465	68,479

NUT COAL

Crowsnest Mountain Park	789	575	446 40	277	620	572	2,694	5,357	3,695	4,181	5,682	6,822	31,710 40
Total	789	575	486	277	620	572	2,694	5,357	3,695	4,181	5,682	6,822	31,750

SLACK COAL

Crowsnest	20,991	16,170	12,559	7,572	5,417	3,407	2,846	4,142	5,407	3,086	3,626	2,604	87,827
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Amount of Domestic Coal used under Colliery Boilers by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Brooks	13	12	14	10									49
Camrose	15	15	15	10	7	7	15	15	15	15	20	20	169
Carbon	61	59	47	30	28	74	62	45	87	113	129	123	858
Castor	50	40	28	10		10	10	22	23	38	47	61	349
Champion	1,215	1,126	1,072	905	899	891	892	937	961	987	943	1,149	11,977
Drumheller	454	436	410	157	265	300	284	342	337	343	428	474	4,230
Edmonton	2		2								3		7
Halcourt	602	551	531	219	187	226	162	135	132	115	313	428	3,601
Lethbridge	325	299	308	265	257	247	249	228	269	295	286	305	3,333
Pembina													
Redcliff													
Taber													
Tofield	25	25	25	25	25	25	25	25	25	25	25	25	300
Total	2,762	2,563	2,452	1,631	1,678	1,780	1,699	1,749	1,849	1,031	2,194	2,585	24,873

Amount of Sub-Bituminous Coal used under Colliery Boilers by areas during each month:

Coalspur	3,662	3,772	3,859	3,684	2,729	2,674	2,953	2,686	2,898	3,373	3,206	3,631	39,127
Pekisko	30	30	30										90
Pincher													
Prairie Creek	150	175	175	200	250	300		250	200	210	320	310	2,540
Saunders	727	738	660	427	562	610	571	704	614	667	749	672	7,701
Total	4,569	4,715	4,724	4,311	3,541	3,584	3,524	3,640	3,712	4,250	4,275	4,613	49,458

Amount of Bituminous Coal used under Colliery Boilers by areas during each month:

Cascade	1,744	1,639	1,666	1,621	1,576	1,615	1,440	1,620	1,568	1,647	1,611	1,849	19,596
Crowsnest	1,669	1,591	1,723	1,430	1,196	904		1,045	944	993	1,729	1,919	16,081
Mountain Park	4,825	4,821	4,911	4,510	4,625	4,467	4,806	4,699	4,400	4,429	4,109	4,865	55,467
Nordeggs	622	591	651	562	603	567	520	639	592	592	456	504	6,399
Total	8,860	8,642	8,951	8,123	8,000	7,553	7,704	8,003	7,504	7,661	7,905	9,137	98,043

Amount of Domestic Coal used by Colliery Railroads by areas during each month:

	35	19	8	16	5	24	9	18	41	23	198
Redcliff											

Amount of Sub-Bituminous Coal used by Colliery Railroads by areas during each month:

	432	436	437	436	432	432	448	424	444	436	456	60	4,875
Coalspur													

Amount of Bituminous Coal used by Colliery Railroads by areas during each month:

	50	52	52	57	50	48	44	54	45	42	46	48	588
Cascade													

Amount of Bituminous Coal used making Briquettes:

	8,104	7,311	9,264	7,863	8,338	8,442	7,776	9,190	7,739	7,625	8,311	7,961	97,924
Cascade													
Mountain Park													
Nordegg	8,690	9,675	11,627	9,718	11,484	12,400	10,842	13,662	13,063	15,488	13,764	11,237	141,650
Total	16,794	16,986	20,891	17,581	19,822	20,842	18,618	22,852	20,802	23,147	22,075	19,198	239,608

Amount of Bituminous Coal used making Coke:

	8,795	8,235	8,860	8,562	8,571	8,048	8,323	8,605	7,970	8,781	8,454	8,429	101,633
Crowsnest													

Amount of Domestic Coal Put to Stock by areas during each month:

	320	508	110	285	440	1,256	390	1,016	1,015	12	15	12	15	66	53	233
Big Valley																
Carbon																
Drumheller	33	39	209	34												
High Prairie																
Lethbridge	4,926	40														
Taber		16	20	70	110	30	30									
Whitecourt																
No Area	50															
Total	5,329	603	359	419	560	1,316	512	1,338	1,285	3,190	7,910	3,437				26,258

Amount of Sub-Bituminous Coal Put to Stock by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coalspur	28	126	104	34	281		196	51	297	178		89	1,384
Pekisko			322										322
Prairie Creek									50				50
Pincher											5		5
Total	28	126	426	34	281		196	51	347	178	5	89	1,761

Amount of Bituminous Coal Put to Stock by areas during each month:

Cascade	551	394	525	657	312	862	467	603	701	432	445	252	6,201
Crowsnest	124	657	208		1,445		1,187	475	528	771		329	5,724
Nordeg		105	195	50		155		60	32	78		30	705
Total	675	1,156	928	707	1,757	1,017	1,654	1,138	1,261	1,281	445	611	12,630

Amount of Domestic Coal Put to Waste by areas during each month:

Ardley	1												105	105
Big Valley	16	20	16	3			70	300	200	10	73	58	766	1
Carose	132	64	49	21	16	8	13	49	86	183	589	373	1,583	766
Carbon	143	124	93	13	11	13	45	25	78	136	231	226	1,128	1,583
Castor	30	32	30	10	10	10	20	20	45	37	41	37	342	1,128
Champion	1,425	1,624	1,141	1,120	1,360	1,776	1,204	2,134	2,073	1,141	2,049	2,090	19,137	19,137
Drumheller	25	10	10	10	10	10	17	21	19	23	26	10	60	60
High Prairie	20	13	12	10	7	10	17	40	19	23	26	15	193	193
Lethbridge	20	15	15	7	43	83	3	3	100	22	164	10	75	75
Pembina	105	126	122	7		19	21	59	159	1,043	2,203	1,220	884	884
Sheerness	25	34	28	12	5								4,828	4,828
Taber														
Total	1,932	2,062	1,491	1,206	1,452	1,989	1,323	2,655	2,760	2,605	5,386	4,241	29,102	29,102

Amount of Sub-Bituminous Coal Put to Waste by areas during each month:

Coalspur Pincher	2,090 16	2,199 12	2,788 10	2,293 5	2,277 3	2,240 6	2,662 7	2,848 8	3,144 6	2,424 4	2,212	1,758 8	29,115 85
Total	2,106	2,211	2,798	2,298	2,280	2,426	2,669	2,856	3,150	2,428	2,212	1,766	29,200

Amount of Bituminous Coal Put to Waste by areas during each month:

Cascade Crowsnest	43 8,323	44 8,124	50 9,241	24 7,616	20 8,212	20 6,529	26 5,869	32 8,144	32 6,954	30 6,952	54 8,806	45 8,784	420 93,554
Total	8,366	8,168	9,291	7,640	8,232	6,549	5,895	8,176	6,986	6,982	8,860	8,829	93,974

Amount of Domestic Coal Lifted from Stock by areas during each month:

Carbon Castor	10 191	30 1,696	30 1,696	525 14	679 209	440 73	264	585	150	338	110	215	30 10 5,513 14 209 2,120 428
Drumheller High Prairie Lethbridge Taber No Area	320 275 50	320 275 50	320 275 50	525 14 209 1,013	679 209 679	440 73	264	585	150	338	110	215	30 10 5,513 14 209 2,120 428
Total	201	645	1,726	1,761	1,358	513	264	585	150	461	445	215	8,324

Amount of Sub-Bituminous Coal Lifted from Stock by areas during each month:

Coalspur	207	6	661	53 102	223 112	40 30	90 30	93	50	171	750	2,344 274	
Pewisko													
Total	207	6	661	155	112	253	40	120	93	50	171	750	2,618

Output and Number of Mines Producing

Kind of Coal	Under 1,000 tons		1,000 to 5,000 tons		5,000 to 10,000 tons		10,000 to 50,000 tons		50,000 to 100,000 tons		100,000 to 150,000 tons		150,000 to 200,000 tons		200,000 to 300,000 tons		Over 300,000 tons		Total	
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output		
Domestic	67	30,115	51	126,374	14	103,280	23	517,039	11	780,900	5	592,824	3	526,590	2	469,679	.....	.....	176	3,146,801
Sub-bituminous	1	660	3	7,688	1	7,637	3	98,346	.....	.....	3	397,624	.....	.....	1	217,472	.....	.....	12	729,427
Bituminous .....	.....	.....	2	3,504	.....	.....	2	69,676	.....	.....	.....	.....	.....	.....	5	1,337,225	.....	.....	14	3,551,205
Total	68	30,775	56	137,566	15	110,917	28	685,061	11	780,900	8	990,448	3	526,590	8	2,024,376	5	2,140,800	202	7,427,433

THE MINES BRANCH

Number of men employed in the DOMESTIC FIELD as at December 31st, 1944:

Areas	UNDERGROUND										ABOVE GROUND										TOTAL					
	Officials	Hand Cutters	Machine Cutters & Helpers	Machine Loaders	Chute Loaders	Horse H'ge Employees	Mechanical H'ge Emp's	Ventilation Employees	Road Makers	Timber Men	Pump Men	Other Employees	Total Underground	Adminis- tration	Foremen and Clerks	Screenmen and Loaders	Engine Men	Firemen	Machinists	Carpenters and Masons		Other Mechanics	Surface Haulage	All Other Employees	Total Above Ground	
Ardley	6	12	3	...	...	1	...	...	...	...	...	1	19	...	...	1	...	...	...	...	...	...	1	2	3	22
Big Valley	3	2	3	...	...	...	...	...	...	...	...	9	18	2	3	...	...	...	...	...	...	...	1	2	6	24
Brooks	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	46	57	57
Canrose	11	30	6	28	...	3	...	...	...	...	1	14	52	2	4	...	...	...	...	1	4	...	9	18	51	103
Carbon	25	16	6	...	...	10	...	...	1	...	...	1	73	1	7	...	...	...	...	...	...	1	2	6	25	98
Castor	25	75	6	3	...	2	1	...	...	...	...	9	121	...	5	...	...	...	...	...	...	1	1	16	30	151
Champion	2	12	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...	1	15
Drumheller	114	41	182	863	...	177	63	7	87	66	3	90	1,693	21	70	165	9	10	14	17	16	...	10	114	446	2,139
Edmonton	38	100	22	150	...	36	8	3	19	42	4	108	530	9	16	23	17	1	1	5	1	...	5	31	108	638
Gleichen	6	28	2	5	...	3	...	...	...	...	...	...	44	...	1	1	...	...	...	...	...	...	2	3	9	53
Haicourt	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
High Prairie	1	2	...	261	...	60	37	5	16	23	5	39	522	4	30	51	13	1	7	4	18	...	3	39	170	692
Lethbridge	33	3	40	...	...	...	...	...	...	...	...	...	4	...	1	1	...	...	...	...	...	...	1	1	4	8
Milk River	1	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Pakowki	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pembina	3	23	4	20	...	8	2	...	3	2	...	...	65	2	2	12	3	...	1	4	...	...	12	2	36	101
Redcliff	3	3	4	9	...	2	...	...	1	2	...	2	23	...	4	4	...	...	...	...	...	2	2	2	14	29
Rochester	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Sheerness	...	...	...	...	...	...	...	...	...	...	...	...	3	...	6	4	...	...	...	...	...	1	24	33	36	36
Taber	1	2	...	6	...	1	...	...	...	...	...	...	15	3	10	20	2	...	1	2	...	1	29	68	83	
Tofield	2	4	2	...	...	1	...	...	...	...	...	...	8	2	7	56	...	...	...	...	...	1	4	19	91	99
Wetaskiwin	1	1	6	...	...	1	...	...	...	...	...	3	4	...	1	1	...	...	...	...	...	...	...	...	2	4
Whitecourt	1	1	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	1	4
No Area	1	2	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	...	1	4
Total	259	360	274	1,345	...	304	111	15	127	135	13	265	3,219	54	172	355	54	12	25	39	40	44	366	1,161	4,380	

Number of men employed in the SUB-BITUMINOUS FIELD as at December 31st, 1944:

Coalspur	9	65	40	88	21	14	7	4	6	23	1	15	293	12	39	50	18	23	9	31	7	26	95	310	603
Pekisko	1	5					1						7		1								1	8	
Pincher	1												1										1	2	
Prairie Creek	1	1	1	8	1		1						12	2		2	1						5	17	
Saunders	6		11	53		2	8		2	3		6	91	2	8	15	5	2	1	1	1	2	39	130	
Total	18	70	52	149	22	16	17	4	8	26	1	21	404	16	49	67	24	25	10	32	8	28	97	365	760

BITUMINOUS FIELD

Cascade	18	83	9	11	...	7	25	2	7	5	...	15	182	1	16	32	4	8	4	2	...	...	50	117	299
Crownsnest	109	886	13	...	149	33	129	17	40	137	5	134	1,652	30	72	134	17	13	30	23	70	25	132	546	2,198
Mountain Park	45	270	7	...	30	28	63	4	7	53	5	43	555	5	27	57	10	25	14	15	22	4	115	294	849
Nordegg	14	124	...	...	...	46	15	5	36	17	3	...	260	2	14	6	...	8	5	10	10	2	140	137	457
Total	186	1,363	29	11	179	114	232	28	90	212	13	192	2,649	38	129	229	31	54	53	50	102	31	437	1,154	3,803

SUMMARY

Domestic	259	360	274	1,345	...	304	111	15	127	135	13	276	3,219	54	172	355	54	12	25	39	40	44	366	1,161	4,380
Sub-Bituminous	18	70	52	149	...	22	16	17	4	8	26	1	21	404	16	49	67	24	25	10	32	8	28	97	365
Bituminous	186	1,363	29	11	179	114	232	28	90	212	13	192	2,649	38	129	229	31	54	53	50	102	31	437	1,154	3,803
Total	463	1,793	355	1,505	201	434	360	47	225	373	27	489	6,272	108	350	651	109	91	88	121	150	103	900	2,671	8,943

Men employed above and below ground in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Ardley	24	16	13	6	2	6	8	11	19	21	28	22	15
Big Valley	24	23	16	17	15	3	33	33	15	19	18	24	19
Brooks	35	30	25	31	27	27	26	41	42	37	57	57	36
Carbon	151	135	123	90	67	56	52	58	61	65	98	103	88
Castor	154	136	102	71	76	70	73	77	80	87	108	98	83
Champion	24	22	21	15	27	37	32	64	66	75	146	151	85
Drumheller	2361	2,220	1,901	1,812	1,763	1,857	1,915	1,972	1,986	2,022	2,119	2,139	2,006
Edmonton	794	750	649	229	296	304	375	437	466	525	610	638	506
Gleichen	72	66	63	25	21	26	23	26	29	51	62	53	43
Halcourt	17	7	5	.....	.....	.....	.....	.....	.....	.....	5	.....	9
High Prairie	4	3	.....	2	.....	3	1	.....	1	1	3	.....	2
Lethbridge	736	712	654	574	559	557	551	595	605	627	675	692	628
Milk River	6	4	6	4	5	6	5	5	9	9	8	8	6
Pakowki	3	1	2	2	2	1	3	3	3	3	2	3	2
Pembina	114	83	90	88	72	78	84	77	72	74	105	101	87
Redcliff	38	19	18	16	14	12	14	16	21	25	31	29	21
Rochester	15	9	6	4	3	3	3	3	3	4	14	14	7
Sheerness	39	38	33	32	29	28	25	28	42	43	41	36	35
Taber	141	110	39	42	31	14	15	60	45	63	63	83	55
Tofield	92	72	62	54	51	51	37	37	79	52	104	99	66
Wetaskiwin	4	3	3	2	.....	1	2	.....	2	2	.....	4	3
Whitecourt	6	5	4	.....	.....	.....	.....	.....	.....	.....	.....	4	4
No Area	3	4	4	7	4	6	6	4	4	4	.....	4	5
Total Average	4,952	4,549	3,918	3,157	3,080	3,162	3,296	3,504	3,668	3,919	4,325	4,380	3,828

Men employed above and below ground in the SUB-BITUMINOUS FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Monthly Average
Coalspur	716	693	647	639	659	553	546	534	552	548	546	603	603
Pekisko	17	13	13	7	8	7	8	7	7	8	8	8	9
Pincher	2	2	2	2	2	2	2	2	2	2	2	2	2
Prairie Creek	27	29	29	26	22	22	22	11	13	15	16	17	19
Saunders	128	130	129	110	109	110	104	104	113	114	124	130	117
Total Average	890	867	820	784	800	694	662	658	687	687	696	760	750

Men employed above and below ground in the BITUMINOUS FIELD by areas during each month:

Cascade	317	315	310	309	309	304	309	309	309	297	299	299	307
Crowsnest	2,242	2,219	2,229	2,175	2,194	2,192	2,163	2,149	2,143	2,132	2,177	2,198	2,184
Mountain Park	926	917	833	850	879	868	870	836	850	826	842	849	862
Nordegg	455	456	446	440	438	433	441	441	447	418	450	457	444
Total Average	3,940	3,907	3,818	3,774	3,820	3,797	3,783	3,735	3,749	3,673	3,768	3,803	3,797

Men employed above and below ground in the DOMESTIC, SUB-BITUMINOUS and BITUMINOUS FIELDS by areas during each month:

Domestic	4,952	4,549	3,918	3,157	3,080	3,162	3,296	3,668	3,504	3,819	4,325	4,380	3,828
Sub-Bituminous	890	867	820	784	800	694	662	687	658	687	696	760	750
Bituminous	3,940	3,907	3,818	3,774	3,820	3,797	3,783	3,735	3,749	3,673	3,768	3,803	3,797
Total Average	9,782	9,323	8,556	7,715	7,700	7,653	7,741	8,090	7,911	8,179	8,789	8,943	8,375

THE MINES BRANCH

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893
1924	5,202,713	7,317	711	5,299	982
1925	5,883,394	8,774	670	6,498	834
1926	6,508,908	8,763	743	6,569	991
1927	6,936,780	9,016	768	6,681	970
1928	7,334,179	9,496	772	6,625	1,107
1929	7,147,250	9,572	747	7,115	1,004
1930	5,755,911	8,889	648	6,607	871
1931	4,563,309	8,070	577	5,969	701
1932	4,867,984	7,837	621	5,772	844
1933	4,714,784	8,042	586	5,937	794
1934	4,748,848	7,863	604	5,809	744
1935	5,462,973	7,800	700	5,644	969
1936	5,696,375	8,110	702	5,940	959
1937	5,551,682	7,836	708	5,806	956
1938	5,230,025	7,411	706	5,427	965
1939	5,518,105	7,456	740	5,517	1,000
1940	6,205,088	7,416	836	5,526	1,122
1941	6,970,064	7,714	903	5,652	1,233
1942	7,754,279	8,040	964	5,865	1,322
1943	7,677,982	8,636	889	6,197	1,160
1944	7,427,433	8,375	887	5,867	1,135

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed under-ground	Tons of coal mined per man employed under-ground
1910	878,011	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,701	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,669	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812
1924	3,096,660	4,543	681	3,447	898
1925	3,156,359	4,874	647	3,750	808
1926	3,160,029	4,798	658	3,714	816
1927	3,357,171	4,663	720	3,603	891
1928	3,378,200	4,810	702	3,700	873
1929	3,385,749	4,944	685	3,813	880
1930	2,874,090	4,822	596	3,756	765
1931	2,245,563	4,400	510	3,419	628
1932	2,574,785	4,548	566	3,539	728
1933	2,434,047	4,480	543	3,487	698
1934	2,295,566	4,289	535	3,370	644
1935—Stp. pit	130,084	96	1,355	.....	.....
B. Ground	2,517,828	3,927	658	3,059	823
1936—Stp. pit	80,111	107	749	.....	.....
B. Ground	2,761,120	4,112	671	3,243	851
1937—Stp. pit	80,116	79	1,014	.....	.....
B. Ground	2,551,034	3,148	810	3,162	832
1938—Stp. pit	72,829	74	945	.....	.....
B. Ground	2,380,434	3,573	667	2,846	801*
1939—Stp. pit	76,394	73	1,048	.....	.....
B. Ground	2,372,805	3,636	653	2,900	818*
1940—Stp. pit	74,021	71	1,042	.....	.....
B. Ground	2,463,184	3,556	692	2,844	866*
1941—Stp. pit	88,142	63	1,399	.....	.....
B. Ground	2,625,112	3,427	766	2,745	956*
1942—Stp. pit	119,615	67	1,785	.....	.....
B. Ground	3,093,498	3,485	888	2,777	1,114*
1943—Stp. pit	137,307	78	1,760	.....	.....
B. Ground	3,278,730	4,016	816	3,133	1,046*
1944—Stp. pit	366,862	263	1,395	.....	.....
B. Ground	2,779,939	3,565	882	2,826	984

*See note on page over.

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1922—Stp. pit	367,514	217	1,692	.....	.....
B. Ground	179,550	403	445	277	648
1923—Stp. pit	288,467	190	1,513	.....	.....
B. Ground	174,994	354	494	260	673
1924—Stp. pit	369,724	211	1,752	.....	.....
B. Ground	222,222	393	565	278	799
1925—Stp. pit	335,993	162	2,074	.....	.....
B. Ground	245,842	461	533	326	754
1926—Stp. pit	258,964	147	1,761	.....	.....
B. Ground	231,407	443	545	305	758
1927—Stp. pit	304,584	194	1,583	.....	.....
B. Ground	290,606	478	608	321	905
1928—Stp. pit	394,682	179	2,205	.....	.....
B. Ground	345,810	643	536	457	756
1929—Stp. pit	319,764	163	1,962	.....	.....
B. Ground	348,344	585	595	402	866
1930—Stp. pit	304,144	157	1,937	.....	.....
B. Ground	299,187	569	526	390	767
1931—Stp. pit	280,251	161	1,803	.....	.....
B. Ground	191,138	486	393	336	569
1932—Stp. pit	348,266	177	1,862	.....	.....
B. Ground	211,213	491	430	341	619
1933—Stp. pit	309,365	170	1,820	.....	.....
B. Ground	244,776	516	474	370	661
1934—Stp. pit	302,054	158	1,912	.....	.....
B. Ground	235,488	482	489	326	722
1935—Stp. pit	287,970	180	1,600	.....	.....
B. Ground	278,466	501	830	337	826
1936—Stp. pit	263,899	175	1,508	.....	.....
B. Ground	302,587	532	569	360	841
1937—Stp. pit	229,747	149	1,542	.....	.....
B. Ground	276,782	504	549	348	795
1938—Stp. pit	227,317	148	1,536	.....	.....
B. Ground	261,595	633	772	327	800*
1939—Stp. pit	246,459	142	1,735	.....	.....
B. Ground	265,646	494	538	320	830*
1940—Stp. pit	318,425	241	1,321	.....	.....
B. Ground	280,261	393	713	328	854*
1941—Stp. pit	320,801	272	1,179	.....	.....
B. Ground	264,652	384	689	248	1,069*
1942—Stp. pit	332,748	191	1,742	.....	.....
B. Ground	400,799	521	769	342	1,172*
1943—Stp. pit	351,890	360	967	.....	.....
B. Ground	440,062	442	996	399	1,102*
1944—Stp. pit	280,420	161	1,742	.....	.....
B. Ground	449,007	589	973	386	1,163*

*See note.

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,645	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,686	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,410,021	4,228	809	2,711	1,202
1921	2,897,380	4,133	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,008
1924	1,515,107	2,171	698	1,574	966
1925	2,145,200	3,277	654	2,422	885
1926	2,858,508	3,375	847	2,550	1,121
1927	2,984,419	3,682	810	2,757	1,082
1928	3,215,481	3,862	832	2,468	1,302
1929	3,093,393	3,880	797	2,898	1,077
1930	2,278,490	3,341	682	2,461	926
1931	1,846,357	3,023	611	2,214	834
1932	1,733,720	2,621	660	1,892	916
1933	1,726,596	2,876	600	2,080	830
1934	1,915,740	2,934	653	2,113	907
1935	2,248,625	3,096	726	2,248	1,000
1936	2,288,658	3,184	719	2,537	979
1937	2,414,003	3,156	765	2,295	1,052
1938	2,287,840	3,131	731	2,254	1,015
1939	2,556,801	3,111	822	2,297	1,113
1940	3,069,197	3,155	972	2,354	1,303
1941	3,671,357	3,568	1,029	2,659	1,381
1942	3,807,619	3,766	1,008	2,746	1,387
1943	3,469,993	3,740	927	2,665	1,302
1944—Stp. pit	119,092	35	3,403	.....	.....
B. Ground	3,432,113	3,762	935	2,655	1,293

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12

NOTE.—The table showing the number of men employed in the Anthracite Coal Field, includes employees at the briquetting plant. There has been no anthracite coal produced since 1923.

*Calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

It will also be noted that the tonnage used in the above and following tables does not include tonnage extracted under permit.

NOTE.—Previous to 1944 there was no coal mined in the Bituminous Field by stripping methods.

BITUMINOUS COAL FIELD

Coalspur	651,340	603	1,080	280,420	161	1,742	370,920	442	839	281	1,320
Pekisko	5,864	9	652	.....	.....	.....	5,864	9	652	7	838
Pincher	660	2	330	.....	.....	.....	660	2	330	1	660
Prairie Creek	7,637	19	402	.....	.....	.....	7,637	19	402	14	546
Saunders	63,926	117	546	.....	.....	.....	63,926	117	546	83	770
Total	729,427	750	973	280,420	161	1,742	449,007	589	762	386	1,163

SUB-BITUMINOUS COAL FIELD

Cascade	363,314	307	1,183	.....	.....	.....	363,314	307	1,183	189	1,922
Crownst	1,943,068	2,184	890	.....	.....	.....	1,943,068	2,184	890	1,626	1,195
Mountain Park	892,354	862	1,036	119,092	35	3,403	773,862	839	922	583	1,327
Nordegg	351,869	444	792	.....	.....	.....	351,869	444	792	257	1,369
Total	3,551,205	3,797	935	119,092	35	3,403	3,432,113	3,774	909	2,655	1,293

SUMMARY

Domestic	3,146,801	3,828	822	366,862	263	1,395	2,779,939	3,576	777	2,826	984
Sub-Bituminous	729,427	750	973	280,420	161	1,742	449,007	589	762	386	1,163
Bituminous	3,551,205	3,797	935	119,092	35	3,403	3,432,113	3,774	909	2,655	1,293
Total	7,427,433	8,375	887	766,374	459	1,670	6,661,059	7,939	839	5,867	1,135

Number of days on which Coal was drawn in the DOMESTIC FIELD by areas during each month:

Areas	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ardley	8.9	8.85	6.84	6.7	6.5	8.0	12.3	14.7	11.38	14.00	18.3	16.29	126.26
Big Valley	14.3	15.3	11.0	8.0	6.5	5.0	8.0	23.0	16.7	20.0	23.0	22.0	172.50
Brooks	21.0	13.5	25.0	11.0	1.0	1.0	1.0	15.0	20.0	22.0	26.0	23.0	178.50
Camrose	17.0	16.3	14.5	7.3	20.5	18.5	21.5	26.5	25.5	20.0	22.6	19.5	229.70
Carbon	16.6	14.1	15.0	8.4	10.2	12.5	12.8	17.0	19.69	19.77	21.85	20.00	187.91
Castor	15.2	13.2	10.9	9.9	9.1	9.82	10.2	13.9	14.05	17.19	22.58	20.31	166.35
Champion	18.0	17.0	20.0	12.0	14.0	16.3	18.5	26.5	24.0	26.0	25.0	23.0	240.80
Drumheller	20.7	14.3	13.75	12.3	16.2	23.0	17.22	23.7	21.17	21.46	22.46	20.71	227.06
Edmonton	20.16	18.6	16.85	14.37	16.3	13.5	18.0	22.52	19.19	22.33	23.39	20.81	225.92
Gleichen	17.5	17.7	18.7	10.6	16.4	17.6	16.0	19.4	18.6	21.2	22.67	18.83	215.20
Halcourt	13.0	13.3	8.5	5.0	.....	.....	.....	.....	.....	9.0	23.0	.....	63.80
High Prairie	27.0	20.0	10.3	14.2	.....	20.0	22.0	22.3	23.3	23.83	20.71	21.0	98.00
Lethbridge	17.7	10.6	12.86	10.3	4.0	8.5	10.0	13.5	15.0	25.0	19.0	14.5	218.51
Milk River	15.0	11.5	14.5	2.5	4.0	.....	6.5	9.0	7.0	15.5	11.0	10.5	153.00
Pakowki	7.0	8.0	9.0	8.0	9.0	.....	.....	6.5	7.0	24.67	19.75	.....	100.50
Pembina	23.6	20.0	23.0	16.0	12.0	16.0	14.0	6.5	20.0	24.67	19.75	24.5	220.02
Redcliff	20.0	10.0	12.0	6.0	3.5	20.0	22.0	26.0	16.0	26.0	26.0	9.0	196.50
Rochester	17.0	17.5	14.0	5.0	3.0	2.0	.....	2.0	6.5	12.0	25.5	25.0	129.50
Sheerness	16.8	14.2	19.3	10.7	13.0	11.8	7.6	8.7	16.0	17.8	17.22	16.67	169.79
Taber	15.29	7.67	15.5	7.5	10.0	12.3	16.0	20.0	16.2	21.75	21.75	15.5	179.46
Tofield	24.0	22.7	23.7	24.5	18.7	22.5	25.0	16.5	16.8	22.0	24.4	21.75	262.55
Wetaskiwin	15.0	15.0	15.0	.....	.....	.....	2.0	4.0	6.0	20.0	.....	15.0	92.00
Whitecourt	6.3	9.5	10.0	.....	.....	.....	.....	.....	.....	.....	.....	8.0	33.80
No Area	.....	8.0	6.0	18.0	24.0	9.0	22.0	22.0	22.0	5.0	20.0	20.0	176.00
Total Average	16.83	14.28	14.6	10.19	12.25	13.02	14.13	16.8	16.91	19.39	21.35	18.55	188.30

Number of days on which Coal was drawn in the SUB-BITUMINOUS FIELD by areas during each month:

Coalspur	23.3	20.8	14.84	18.6	21.2	18.2	22.3	21.5	24.25	24.0	25.5	19.75	254.24
Pekisko	22.0	18.0	14.0	7.0	12.0	21.0	15.0	14.0	21.0	22.0	18.0	20.0	204.0
Pincher	20.0	16.0	12.0	4.0	3.0	8.0	9.0	18.0	10.0	10.0	16.0	20.0	130.0
Prairie Creek	20.0	23.0	17.0	8.0	10.0	4.0	.....	.....	26.0	25.0	26.0	21.0	180.0
Saunders	23.5	23.5	16.5	13.5	24.5	25.0	24.0	25.5	23.0	24.5	24.5	21.0	269.0
Total Average	21.76	20.26	14.87	10.2	14.14	15.24	17.57	19.75	21.65	21.5	22.0	20.35	219.29

Number of days on which Coal was drawn in the BITUMINOUS FIELD by areas during each month:

Cascade	24.5	23.0	26.5	24.5	25.0	25.0	23.5	26.0	23.5	23.5	24.0	23.5	292.50
Crownsnest	23.9	20.1	22.7	18.4	22.0	16.0	17.6	20.0	20.43	21.29	21.71	22.43	246.56
Mountain Park	24.75	23.5	19.5	22.0	21.0	15.5	24.0	23.8	23.75	23.0	21.25	23.75	265.80
Nordegg	21.0	24.0	27.0	22.0	25.0	24.0	22.0	27.0	24.0	25.0	25.0	22.0	288.0
Total Average	23.54	22.65	23.9	21.7	23.25	20.12	21.78	24.2	22.92	23.2	22.99	22.92	273.17

Number of days on which Coal was drawn each month:

Domestic	16.83	14.28	14.6	10.19	12.25	13.02	14.13	16.8	16.91	19.39	21.35	18.55	188.30
Sub-Bituminous	21.76	20.26	14.87	10.2	14.14	15.24	17.57	19.75	21.65	21.5	22.0	20.35	219.29
Bituminous	23.54	22.65	23.9	21.7	23.25	20.12	21.78	24.2	22.92	23.2	22.99	22.92	273.17
Total Average	23.54	19.06	17.79	14.03	16.55	16.13	17.83	20.25	20.49	21.36	22.11	20.61	226.92

THE MINES BRANCH

Total number of shifts worked above and below ground by areas during each month for the six months ending June 30, 1944

DOMESTIC FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	36	161	24	107	16	83	4	23	12	32	42	112	428	
Big Valley	69	263	64	167	20	151	26	78	50	5	10	234	739	
Brooks	292	184	339	160	349	174	285	62	515	253	.....	2,033	580	
Camrose	1,812	1,031	1,518	1,020	1,777	1,104	1,137	474	1,018	789	433	8,051	4,605	
Carbon	301	990	276	687	236	718	159	381	204	374	676	1,550	3,905	
Castor	830	1,595	430	1,301	273	928	201	283	214	270	371	2,325	4,748	
Champion	15	325	17	336	18	328	7	155	15	173	17	89	1,550	
Drumheller	10,945	38,398	8,897	29,342	7,606	23,652	6,957	20,355	7,787	24,892	30,894	50,929	167,533	
Edmonton	3,123	10,864	2,707	10,297	2,669	9,634	1,265	2,497	1,414	4,873	4,030	12,610	42,195	
Gleichen	240	1,269	202	1,151	230	1,111	75	214	55	296	61	440	863	
Halcourt	157	37	90	60	.....	51	.....	10	.....	.....	.....	247	148	
High Prairie	27	78	37	60	.....	.....	2	.....	.....	.....	70	99	155	
Lethbridge	4,099	11,331	3,238	7,330	3,214	6,847	2,849	6,156	3,254	3,472	8,552	20,126	47,845	
Milk River	30	12	15	10	74	14	1	6	10	17	18	147	80	
Pakowki	5	14	.....	8	.....	9	.....	8	15	.....	10	5	64	
Pembina	1,045	1,434	556	1,235	586	1,275	441	990	385	410	997	3,423	7,093	
Redcliff	176	583	58	208	64	259	20	162	46	174	170	436	1,556	
Rochester	83	54	55	30	66	20	25	2	28	27	1	284	108	
Sheerness	698	28	529	28	631	28	576	12	539	451	5	3,424	109	
Taber	1,430	204	656	244	346	164	1,071	84	328	215	64	4,046	819	
Tofield	2,076	336	1,051	123	1,253	88	1,168	.....	1,075	1,121	.....	7,744	547	
Wetaskiwin	50	50	.....	50	50	50	10	10	.....	.....	.....	10	160	
Whitecourt	19	20	22	34	10	20	.....	.....	.....	.....	.....	74	51	
No Area	42	25	24	44	23	47	75	30	28	50	102	242	320	
Total	27,550	69,286	20,768	54,032	19,461	46,755	16,553	31,992	16,965	40,632	17,782	112,880	289,702	

Total number of shifts worked above and below ground by areas during each month for the six months ending December 31, 1944.
DOMESTIC FIELD

Areas	July		August		September		October		November		December		Total July to Dec.		Total for year 1944	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Ardley	20	51	10	86	16	184	38	254	138	344	80	242	302	1,161	414	1,589
Big Valley	31	62	27	145	29	149	23	188	59	362	46	378	215	1,284	449	2,023
Brooks	517	433	433	585	389	551	814	671	1,482	958	1,311	970	4,946	6,379	580	580
Camrose	462	525	375	655	551	649	802	671	1,136	958	1,335	970	4,871	4,428	12,922	9,033
Carbon	368	728	375	742	487	1,004	572	1,229	624	1,651	552	1,369	2,978	6,723	4,528	10,628
Castor	72	385	429	694	359	711	308	861	553	2,185	584	2,245	2,305	7,081	4,430	11,829
Champion	20	140	27	278	23	228	26	263	26	275	21	219	143	1,403	232	2,903
Drumheller	8,133	25,912	9,967	34,080	9,401	32,137	9,706	32,993	10,014	35,060	9,978	34,279	57,199	194,461	108,128	361,994
Edmonton	1,752	5,320	2,091	6,923	1,996	7,090	2,386	8,308	2,641	10,329	2,517	10,294	13,383	48,264	25,993	90,459
Gleichen	76	343	61	386	87	486	187	972	240	1,314	190	904	841	4,405	1,704	8,886
Halcourt	.....	.....	.....	.....	.....	.....	.....	.....	23	73	.....	.....	23	73	270	886
High Prairie	.....	.....	26	.....	.....	18	18	18	39	63	.....	63	44	138	143	293
Lehrbridge	3,151	8,122	3,443	9,463	3,593	10,067	3,722	10,306	3,952	11,286	3,855	11,092	21,716	60,336	41,842	108,181
Milk River	20	22	27	42	41	80	128	106	78	80	69	9	363	339	510	419
Pakowki	3	13	340	630	4	14	499	31	670	11	9	21	35	99	40	163
Pembina	414	1,000	106	224	370	840	1,143	1,143	1,23	1,246	859	1,326	3,152	6,185	6,575	13,188
Redcliff	66	164	229	224	108	229	173	278	539	81	325	325	657	1,759	1,093	3,315
Rochester	34	29	34	8	36	44	44	36	656	63	294	33	722	1,006	1,006	108
Sheerness	260	12	373	8	554	22	567	36	285	63	615	33	3,025	174	6,449	283
Taber	187	49	253	18	596	269	1,006	354	1,088	335	939	207	4,069	1,214	8,115	2,033
Tofield	995	18	842	30	1,445	16	745	56	1,541	270	1,512	184	7,080	14,824	14,824	1,091
Wetaskiwin	.....	15	.....	30	.....	30	40	88	.....	88	13	75	13	278	10	438
Whitecourt	.....	.....	.....	66	22	66	5	15	20	60	20	60	111	377	353	697
No Area	22	110	22	66	22	66	5	15	20	60	20	60	111	377	353	697
Total	16,603	42,973	19,466	54,479	20,107	54,289	21,788	58,122	25,349	66,568	24,880	64,305	128,193	340,736	247,073	630,438

SUB-BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	8,994	7,493	8,864	7,229	8,383	5,623	8,864	8,026	8,159	4,751	7,611	4,116	50,037	34,623
Pekisko	64	193	39	161	32	124	161	42	50	35	37	57	264	608
Pincher	25	12	16	12	12	4	12	4	3	3	8	8	68	68
Prairie Creek	181	330	164	410	193	466	164	109	152	242	116	197	915	1,857
Saunders	830	2,125	839	2,124	715	1,674	589	1,198	728	2,023	854	1,796	4,555	10,940
Total	10,094	10,166	9,922	9,940	9,335	7,899	8,770	6,863	9,092	7,054	8,626	6,174	55,839	48,096

BITUMINOUS FIELD

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade	3,078	4,215	2,883	3,899	3,077	4,474	2,889	4,042	2,874	4,245	2,945	4,119	17,746	24,994
Crowsnest	13,562	35,019	12,696	31,193	13,273	33,361	12,806	32,259	14,143	35,557	12,265	26,418	78,745	193,807
Mountain Park	6,658	14,959	6,415	14,087	6,378	12,803	6,352	12,289	6,540	13,048	5,891	11,427	38,234	78,613
Nordegg	4,132	5,087	4,166	5,358	4,501	5,975	3,904	4,910	4,068	5,351	3,906	5,372	24,677	32,051
Total	27,430	59,280	26,160	54,537	27,229	56,611	25,951	53,500	27,625	58,201	25,007	47,336	159,402	329,465

SUMMARY

Areas	January		February		March		April		May		June		Total Jan. to June	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic	27,550	69,286	20,768	54,032	19,461	46,755	16,354	31,992	16,965	40,632	17,782	47,005	118,880	289,702
Sub-Bituminous	10,094	10,166	9,922	9,940	9,335	7,899	8,770	6,863	9,092	7,054	8,626	6,174	55,839	48,096
Bituminous	27,430	53,280	26,160	54,537	27,229	56,611	25,951	53,500	27,625	58,201	25,007	47,336	159,402	329,465
Total	65,074	138,732	56,850	118,509	56,025	11,265	51,075	92,355	53,682	105,887	51,415	100,515	334,121	667,263

SUB-BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total ° July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Coalspur	7,663	5,062	7,503	5,068	6,213	4,142	10,254	5,578	7,308	6,349	7,485	5,402	46,426	31,601	96,463	66,224
Fekisko	36	72	14	84	23	106	23	132	18	119	20	100	134	613	1,221	398
Pincher	9	9	18	14	14	14	10	10	16	16	16	20	87	87	155	155
Prairie Creek	60	.....	74	120	130	182	150	181	155	188	138	171	707	842	1,622	2,699
Saunders	744	1,475	768	1,692	823	1,752	840	2,001	849	2,040	698	1,769	4,722	10,729	9,277	21,669
Total	8,512	6,618	8,377	6,982	7,203	6,196	11,277	7,902	8,346	8,712	8,361	7,462	52,076	43,872	107,915	91,968

BITUMINOUS FIELD

Areas	July		August		September		October		November		December		Total ° July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Cascade	3,808	3,027	3,378	4,574	2,931	3,813	2,988	3,565	2,836	3,897	2,675	3,519	18,616	22,395	36,362	47,389
Crownsnest	12,220	27,969	13,284	30,347	13,363	29,675	13,114	29,646	13,007	31,308	15,874	27,821	80,862	176,766	159,607	370,573
Mountain Park	6,326	12,371	6,663	12,931	6,184	11,988	6,082	12,848	6,701	12,459	9,019	10,227	40,975	43,872	79,209	151,437
Nordegg	3,655	4,611	4,514	5,187	4,001	5,069	4,053	5,212	4,711	5,584	4,125	4,734	25,059	30,397	49,736	62,448
Total	26,009	47,978	27,839	53,039	26,479	50,545	26,237	51,271	27,255	53,248	31,693	46,301	165,512	302,382	324,914	631,847

TOTAL, DOMESTIC, SUB-BITUMINOUS AND BITUMINOUS COAL FIELDS

Areas	July		August		September		October		November		December		Total ° July to Dec.		Total for year 1943	
	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground	Above Ground	Below Ground
Domestic	16,603	42,973	19,466	54,479	20,107	54,289	21,788	58,122	25,349	66,568	24,880	64,305	128,193	340,736	247,073	630,438
Sub-Bituminous	8,512	6,618	8,377	6,982	7,203	6,196	11,277	7,902	8,346	8,712	8,361	7,462	52,076	43,872	107,915	91,968
Bituminous	26,009	47,978	27,839	53,039	26,479	50,545	26,237	51,271	27,255	53,248	31,693	46,301	165,512	302,382	324,914	631,847
Total	51,124	97,569	55,682	114,500	53,789	111,030	59,302	117,295	60,950	128,528	64,934	118,068	345,781	686,990	679,902	1,354,253

THE MINES BRANCH

AMOUNT OF MINE TIMBER USED DURING THE YEAR
DOMESTIC COAL FIELD

Areas	Round Timber, lineal feet	Lumber, B.M. feet	Ties, lineal feet	Lagging, lineal feet	Slabs, cords	R.R. ties
Ardley	21,700	.....	.....	.....	.....	.....
Big Valley	17,150	.....	.....	.....	.....	.....
Brooks	10,995	.....	.....	.....	.....	.....
Camrose	165,000	.....	.....	.....	.....	.....
Carbon	175,483	.....	.....	17,950	.....	.....
Castor	147,985	.....	.....	.....	.....	.....
Champion	36,733	.....	.....	.....	.....	.....
Drumheller	6,571,680	.....	282,170	10,500	165½	457
Edmonton	2,041,009	.....	13,788	85,000	79	.....
Gleichen	81,147	.....	.....	.....	.....	.....
Halcourt	1,600	.....	.....	.....	.....	.....
High Prairie	1,300	.....	.....	.....	.....	.....
Lethbridge	2,464,830	33,976	38,757	.....	17	.....
Milk River	6,300	.....	.....	.....	.....	.....
Pakowki	4,100	.....	.....	.....	.....	.....
Pembina	214,559	.....	.....	.....	.....	.....
Redcliff	56,757	.....	.....	.....	.....	.....
Sheerness	1,100	.....	.....	.....	.....	.....
Taber	31,000	.....	.....	.....	.....	.....
Tofield	5,000	.....	.....	.....	.....	24,000
Wetaskiwin	14,000	.....	.....	.....	.....	.....
Whitcourt	5,000	.....	.....	.....	.....	.....
No Area	8,500	.....	800	10,000	.....	.....
Total	12,082,928	33,976	335,515	123,450	261½	24,457

SUB-BITUMINOUS COAL FIELD

Coalspur	371,599	257,825	.....	.....	179	.....
Pekisko	11,000	.....	.....	.....	.....	.....
Pincher	800	.....	.....	.....	.....	.....
Prairie Creek	8,600	.....	3,600	.....	5	.....
Saunders	246,002	.....	90,000	25,001	.....	.....
Total	638,001	257,825	93,600	25,001	184	.....

BITUMINOUS COAL FIELD

Cascade	328,491	.....	.....	16,421	.....	.....
Crowsnest	4,436,245	1,817,386	.....	2,473,565	.....	3,000
Mountain Park	932,057	398,000	.....	.....	451	.....
Nordegge	1,184,260	.....	.....	.....	.....	.....
Total	6,881,053	2,215,386	.....	2,489,986	451	3,000

PARTICULARS OF LAMPS IN THE DOMESTIC COAL FIELD

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Portable Electric Lamps, Edison Cap Type	2,481	2,521	2,634	2,556	2,792	2,310	2,300	2,148	2,123	2,071	2,126	2,051	2,259	2,193
Portable Electric Lamps, Wheat Cap	66	66	.....	66	.....	.....	58	104	31	31	30	34	40	.....
Portable Electric Lamps, Wolfe Cap Type	160	174	242	191	244	308	244	95	177	207	232	215	209	159
Safety Lamps, Wolfe Flame Type .....	.....	.....	3	.....	3	.....	4	26	27	48	25	26	24	23
Safety Lamps, Koehler Flame Type .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,707	2,761	2,879	2,813	3,039	2,618	2,606	2,373	2,395	2,357	2,413	2,326	2,532	2,375

PARTICULARS OF LAMPS IN THE SUB-BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	387	350	257	453	275	297	372	389	449	430	580	561	578	593
Safety Lamps, Wolfe Flame Type	51	59	39	46	39	38	45	39	41	45	44	32	21	35
Total	438	409	396	499	314	335	417	428	490	475	624	593	599	628

PARTICULARS OF LAMPS IN THE BITUMINOUS COAL FIELD

Portable Electric Lamps, Edison Cap Type	4,458	3,005	2,922	2,638	2,743	2,607	2,788	2,745	2,517	2,712	3,119	3,290	3,126	3,175
Portable Electric Lamps, WheatCap Type	7	.....	.....	20	.....	25	25	25	25	268	284	247	238	276
Portable Electric Lamps, Wolfe Cap Type	353	337	318	329	324	327	321	319	255	.....	.....	.....	.....	.....
Safety Lamps, Wolfe Flame Type .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,818	3,342	3,240	2,987	3,067	2,950	3,134	3,089	2,772	2,980	3,403	3,537	3,364	3,451

THE MINES BRANCH

QUANTITY OF EXPLOSIVES USED IN POUNDS FOR BLASTING COAL:
DOMESTIC COAL FIELD

Areas	Names of Explosives									Total	
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	CXL-ITE No. 2	Cardox	Stopeite 30%	Dynamite 40%	Stumping Powder	Loose Black		Lump Kol Pellet
Ardley	3,650	450	.....	.....	.....	.....	.....	.....	.....	.....	4,100
Big Valley	1,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,600
Brooks	2,050	175	.....	.....	.....	.....	.....	.....	.....	.....	2,225
Camrose .....	.....	.....	2,722	.....	.....	.....	.....	.....	.....	.....	2,722
Carbon	16,785	.....	529	.....	.....	.....	.....	.....	.....	5,850	22,964
Castor	8,525	.....	215	.....	.....	.....	.....	.....	.....	1,940	10,680
Champion	5,600	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,600
Drumheller	134,191	3,903	72,986	1,500	10,150	33	.....	.....	.....	2,265	225,028
Edmonton	686	3,550	22,875	.....	.....	.....	.....	500	.....	4,750	32,361
Gleichen	4,700	.....	470	.....	.....	.....	.....	.....	.....	500	5,670
Halcourt	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	100
High Prairie	200	.....	.....	.....	.....	.....	.....	125	.....	.....	325
Lethbridge	1,710	23,710	25,590	50	48,850	.....	.....	.....	.....	.....	99,910
Milk River	1,150	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,150
Pakowki	50	.....	50	.....	.....	.....	.....	.....	.....	.....	100
Pembina .....	.....	3,760	487	250	.....	.....	.....	.....	.....	.....	4,497
Redcliff	2,700	.....	600	.....	.....	.....	.....	.....	.....	.....	3,300
Rochester	75	8	.....	.....	.....	.....	.....	90	.....	.....	173
Sheerness	298	.....	.....	.....	.....	.....	.....	.....	1,908	.....	2,206
Taber	3,000	150	.....	.....	.....	.....	.....	.....	.....	500	3,650
Tofield .....	.....	.....	500	.....	.....	.....	35	1,700	8,755	1,100	12,110
Wetaskiwin .....	.....	.....	400	.....	.....	.....	.....	.....	.....	.....	400
Whitecourt .....	.....	.....	110	.....	.....	.....	.....	.....	.....	.....	110
No Area .....	.....	.....	400	.....	.....	.....	.....	.....	.....	.....	400
Total	187,070	35,706	127,734	1,800	59,000	33	35	2,415	10,683	16,905	441,381

SUB-BITUMINOUS COAL FIELD

Areas	Names of Explosives						Total
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	Forcite 35%	Forcite 60%	Lump Kol Pellet	
Coalspur .....	.....	88,545	.....	71,400	128	.....	160,073
Pekisko .....	.....	.....	5,200	.....	.....	.....	5,200
Pincher .....	.....	100	100	.....	.....	.....	200
Prairie Creek .....	.....	.....	700	.....	.....	50	750
Saunders	4,300	.....	10,694	.....	.....	.....	14,994
Total	4,300	88,645	16,694	71,400	128	50	181,217

BITUMINOUS COAL FIELD

Areas	Names of Explosives				Total
	Polar Monobel No. 4	Polar Monobel No. 14	CXL-ITE No. 2	Monobel No. 6	
Cascade	67,500	.....	55	.....	67,555
Crowsnest	98,159	.....	.....	.....	98,159
Mountain Park	25,926	.....	.....	1,652	66,068
Total	191,585	.....	55	1,652	259,360

Number of tons of coal produced per pound of Explosives used for blasting coal:

DOMESTIC COAL FIELD

Areas	Number of tons of coal mined	Number of pounds of explosive used	Tons of coal mined per pound of explosive used
Ardley	7,109	4,100	1.73
Big Valley	5,471	1,600	3.42
Brooks	88,364	2,225	39.71
Camrose	65,295	2,722	23.99
Carbon	46,379	22,964	2.02
Castor	40,450	10,680	3.79
Champion	7,177	5,600	1.28
Drumheller	1,678,132	225,028	7.45
Edmonton	389,330	32,361	12.03
Gleichen	16,430	3,670	2.89
Halcourt	553	100	5.53
High Prairie	588	325	1.81
Lethbridge	481,896	99,910	4.82
Milk River	1,629	1,150	1.41
Pakowki	216	100	2.16
Pembina	72,187	4,497	16.05
Redcliff	10,638	3,300	3.22
Rochester	4,257	173	24.61
Sheerness	49,786	2,206	22.57
Taber	75,066	3,650	20.57
Tofield	101,895	12,110	8.41
Wetaskiwin	1,085	400	2.71
Whitcourt	287	110	2.61
No Area	2,581	400	6.45
Total	3,146,801	441,381	7.13

SUB-BITUMINOUS COAL FIELD

Coalspur	651,340	160,073	4.06
Pekisko	5,864	5,200	1.12
Pincher	660	200	3.30
Prairie Creek	7,637	750	10.18
Saunders	63,926	14,994	4.26
Total	729,427	181,217	4.02

BITUMINOUS COAL FIELD

Cascade	363,314	67,555	5.37
Crowsnest	1,943,068	98,159	19.79
Mountain Park	892,954	93,646	9.54
Nordegg	351,869	.....	.....
Total	3,551,205	259,360	13.69

THE MINES BRANCH

Estimated number of shots fired for blasting coal:

DOMESTIC COAL FIELD

Areas	Electric Deton- ators	Electric Squibs	Fuse	Squibs	Cardox Heaters	Total
Ardley .....	.....	.....	3,956	.....	.....	3,956
Brooks .....	.....	.....	804	600	.....	1,404
Camrose .....	.....	.....	5,100	.....	.....	5,100
Carbon	200	.....	23,818	425	.....	24,443
Castor	135	.....	9,456	560	.....	10,151
Champion .....	.....	.....	700	7,112	.....	7,812
Drumheller	159,745	36,639	80,915	.....	4,060	281,359
Edmonton	32,859	.....	16,207	238	.....	49,304
Gleichen .....	.....	.....	5,726	.....	.....	5,726
Halcourt .....	.....	.....	100	.....	.....	100
High Prairie .....	.....	.....	550	.....	.....	550
Lethbridge	74,922	.....	1,120	230	13,166	89,438
Milk River .....	.....	.....	450	1,600	.....	2,050
Pakowki .....	.....	.....	100	.....	.....	100
Pembina	6,579	.....	265	.....	.....	6,844
Redcliff	600	.....	.....	2,700	.....	3,300
Rochester .....	.....	.....	288	.....	.....	288
Sheerness .....	.....	.....	1,252	.....	.....	1,252
Taber .....	.....	.....	4,240	1,500	.....	5,740
Tofield	50	.....	6,755	.....	.....	6,805
Wetaskiwin .....	.....	.....	400	.....	.....	400
Whitecourt .....	.....	.....	150	.....	.....	150
No Area	450	.....	100	.....	.....	550
Total	275,540	36,639	162,452	14,965	17,226	506,822

SUB-BITUMINOUS COAL FIELD

Coalspur	82,334	.....	.....	600	.....	82,934
Pekisko	4,000	.....	.....	.....	.....	4,000
Pincher	450	.....	.....	.....	.....	450
Prairie Creek	875	60	.....	.....	.....	935
Saunders	9,741	1,950	.....	.....	.....	11,691
Total	97,400	2,010	.....	600	.....	100,010

BITUMINOUS COAL FIELD

Cascade	90,230	.....	.....	.....	.....	90,230
Crowsnest	106,894	.....	.....	.....	.....	106,894
Mountain Park	89,203	.....	.....	.....	.....	89,203
Total	286,327	.....	.....	.....	.....	286,327

Number of miss-fire shots recorded in blasting coal in the Province:

DOMESTIC COAL FIELD

Areas	CO ₂ Heaters	Electric Deton- ators	Electric Squibs	Squibs	Fuse	Total
Ardley					8	8
Big Valley					3	3
Carbon					10	10
Castor				9	48	57
Drumheller	48	31	36	.....	35	150
Edmonton		11	.....	.....	41	52
Gleichen					23	23
High Prairie					2	2
Lethbridge	93	.....	.....	12	7	112
Milk River					4	4
Sheerness					3	3
Taber					8	8
Tofield					79	79
Whitecourt					2	2
Total	141	42	36	21	273	513

SUB-BITUMINOUS COAL FIELD

Coalspur .....	.....	1	.....	.....	.....	1
Pekisko .....	.....	7	.....	.....	.....	7
Saunders .....	.....	2	15	.....	.....	17
Total .....	.....	10	15	.....	.....	25

BITUMINOUS COAL FIELD

Cascade .....	.....	5	.....	.....	.....	5
Crowsnest .....	.....	3	.....	.....	.....	3
Mountain Park .....	.....	15	.....	.....	.....	15
Total .....	.....	23	.....	.....	.....	23

THE MINES BRANCH

Quantity of Explosives used in pounds for blasting rock in Coal-mines in the Province.

Areas	Names of Explosives							Total	
	Pellets	Polar Monobel No. 4	Polar Monobel No. 14	Stopette 30%	Stopette 60%	CXL-ITE	Polar Forcite 30%		Polar Forcite 60%
Big Valley		50	.....	.....	.....	.....	.....	.....	50
Camrose		5	.....	.....	.....	.....	.....	.....	5
Carbon		194	.....	50	.....	100	.....	.....	344
Cascade						2,150	.....	.....	2,150
Castor			50	.....	.....	.....	.....	.....	50
Champion						100	.....	.....	100
Coalspur		1,000	.....	.....	.....	.....	962	12,750	14,712
Crowsnest						13,497	.....	.....	13,497
Drumheller		11,323	570	2,550	6,490	8,655	.....	.....	29,588
Edmonton		100	335	.....	.....	1,200	.....	.....	1,635
Lethbridge		889	2,558	.....	.....	.....	.....	.....	3,447
Mountain Park						390	3,550	35,256	39,196
Nordegg						140	.....	.....	140
Prairie Creek		400	.....	.....	.....	.....	.....	.....	400
Redcliff			50	.....	.....	.....	.....	.....	50
Saunders	80	.....	1,600	.....	.....	.....	.....	.....	1,680
Taber		125	400	.....	.....	.....	.....	.....	525
Total	80	14,086	5,563	2,600	6,490	26,232	4,512	48,006	107,569

Estimated number of shots fired for blasting rock in Coal-mines in the Province:

Areas	Electric Deton- ators	Electric Squibs	Fuse	Delay Action Deton- ators	Total
Big Valley .....	.....	.....	50	.....	50
Camrose .....	.....	.....	10	.....	10
Carbon .....	.....	.....	187	.....	187
Cascade	4,300	.....	.....	.....	4,300
Castor .....	.....	.....	75	.....	75
Champion .....	.....	.....	200	.....	200
Coalspur	2,166	.....	.....	.....	2,166
Crowsnest	14,336	.....	.....	.....	14,336
Drumheller	22,297	.....	19,320	.....	41,617
Edmonton	2,600	.....	200	.....	2,800
Lethbridge	6,205	.....	.....	.....	6,206
Mountain Park	5,670	.....	.....	6,275	11,945
Nordegg	320	.....	.....	.....	320
Prairie Creek	625	.....	.....	.....	625
Redcliff	10	.....	100	.....	110
Saunders	1,560	65	.....	.....	1,625
Taber	1,050	.....	53	.....	1,103
Total	61,139	65	20,195	6,275	87,674

Number of miss-fire shots recorded in blasting rock in Coal-mines in the Province:

Crowsnest	13	.....	.....	.....	13
Drumheller	1	.....	7	.....	8
Edmonton	4	.....	.....	.....	4
Mountain Park	10	.....	.....	.....	10
Total	28	.....	7	.....	35

ELECTRICITY

The rules for the installation and use of electricity in or about mines require a return to be made to the Department on or before January 15th of each year, giving size, type and any other particulars which may be required of electrical apparatus in use above and below ground. According to the return received from the different mines, electricity was used in 76 mines in 1944. A summary of these returns regarding the horse-power of electrical apparatus in use is given below.

Areas	No. of mines using Electricity	Horse-power of electrical apparatus in use		Total Horse-power
		Above Ground	Below Ground	
Big Valley	1	55	43	98
Camrose	3	104	13	117
Carbon	5	80½	223½	304
Cascade	1	1,140	100	1,240
Castor	1	135	.....	135
Coalspur	5	1,527	588½	2,115½
Crowsnest	6	16,822	2,840	19,662
Drumheller	22	3,442	6,469½	9,911½
Edmonton	9	586	1,301½	1,887½
Gleichen	2	1½	3½	5
Lethbridge	5	2,165¾	1,446	3,611¾
Mountain Park	3	3,034	1,755	4,789
Nordegg	2	899	190	1,089
Pembina	1	40	57½	97½
Prairie Creek	1	100	77	177
Redcliff	2	130	90	220
Saunders	2	116½	183	299½
Taber	4	72	20	92
Tofield	1	65	.....	65
Total	76	30,515¼	15,401	45,916¼

COAL-CUTTING MACHINERY

Areas	No. of machines operated by		Tons of coal mined by	
	Elec- tricity	Com- pressed air	Elec- tricity	Com- pressed air
Big Valley	1	1	41,087	1,000
Carbon	7	3	32,126	5,466
Cascade .....	.....	9	.....	102,441
Castor .....	.....	3	.....	6,461
Coalspur .....	.....	46*	.....	315,957
Crowsnest .....	.....	240*	.....	828,355
Drumheller	100	1	1,783,004	564
Edmonton	20	.....	282,013	.....
Gleichen .....	.....	1	.....	3,550
Lethbridge	20	1	472,990	50
Milk River .....	.....	1	.....	1,072
Pembina	1	.....	36,752	.....
Prairie Creek	2	.....	7,637	.....
Redcliff	3	.....	18,208	.....
Saunders .....	.....	8	.....	63,926
Taber	1	1	3,500	2,277
Total	155	315	2,677,317	1,331,119

*Compressed air operated picks, 268.

ACCIDENTS

Summary table showing Accidents occurring in Mines from 1906 to 1944 inclusive, reportable under The Mines Act:

Year	Output	Accidents			Tons of coal mined per accident		
		Fatal	Serious	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	60,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	61a	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,658
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	209b	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,638,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
1924	5,203,713	21	42	40	247,796	123,898	130,093
1925	5,883,394	30	59	56	196,113	99,718	105,060
1926	6,508,908	39c	67	119	166,398	97,148	54,696
1927	6,936,780	26	76	115	266,799	91,273	60,320
1928	7,334,179	28	71	122	261,935	103,298	60,166
1929	7,147,250	31	69	98	230,556	103,583	72,931
1930	5,755,911	11	69	97	523,265	83,419	59,339
1931	4,563,309	16	75	73	285,207	60,844	62,511
1932	4,867,984	11	61	96	442,544	79,803	50,708
1933	4,714,784	6	60	109	785,797	78,580	43,255
1934	4,748,848	15	68	70	316,589	69,836	67,840
1935	5,462,973	35d	66	113	156,085	82,772	48,352
1936	5,696,375	11	79	101	517,852	72,106	56,400
1937	5,551,682	20	72	73	277,584	77,107	76,050
1938	5,230,025	21e	72	135	249,049	72,639	38,741
1939	5,518,105	17	57	180	324,594	96,809	30,657
1940	6,205,088	13	79	97	477,314	78,545	63,970
1941	6,970,064	48f	78	142	145,209	89,360	49,084
1942	7,754,279	17	92	148	456,134	84,285	52,393
1943	7,677,982	25g	73	152	307,119	105,178	50,513
1944	7,427,433	10	70	125	742,743	106,106	59,419
Total	200,501,309	1,038	2,240	3,019	193,161	89,509	66,413

a. Including thirty-one deaths caused by the Bellevue Explosion.

b. Including one hundred and eighty-nine deaths caused by the Hillcrest Explosion.

c. Including ten deaths caused by the McGillivray Creek Coal & Coke Co., Ltd. Explosion.

d. Including sixteen deaths caused by the explosion at the Lethbridge Collieries Ltd., at Coalhurst.

e. Including five deaths caused by the explosion at Hinton Collieries Limited.

f. Including four deaths caused by an explosion at North American Collieries, Ltd., Western Crown Mine, and twenty-nine deaths caused by an explosion at Brazeau Collieries, Ltd., Nordegg.

g. Including four deaths caused by an explosion at the Kerralta Coal Co., Lethbridge.

ACCIDENTS DURING 1944, CLASSIFIED ACCORDING TO THE COAL FIELDS IN WHICH THEY OCCURRED

Domestic	3,146,801	4	37	70	786,700	85,049	44,954
Sub-Bituminous	729,427	1	4	10	729,427	182,357	72,943
Bituminous	3,551,205	5	29	45	710,241	122,455	78,915

COMPARISON OF PROTECTIVE CLOTHING USED FOR THE YEARS 1942, 1943, 1944:

	1942	1943	1944
Hard Hats	3024	3,485	4,333
Safety Shoes, pair	1,751	2,146	2,496
Goggles, pairs	734	352	758
Knee Caps, pairs	245	35	271

THE MINES BRANCH

Comparison of Accidents per 1,000,000 tons and per 1,000 men employed, 1915-1944:

Year	Tonnage	Total No. of men employed	Fatal Accidents			Serious Accidents			Slight Accidents			Total		
			No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed	No.	Per 1,000,000 tons	Per 1,000 men employed
1915	3,434,891	6,445	18	5.24	2.79	33	9.63	5.12	33	9.63	5.12	84	24.45	13.03
1916	4,538,604	7,570	20	4.31	2.64	51	10.99	6.74	34	7.33	4.49	105	22.61	13.87
1917	4,863,414	8,310	24	4.93	2.88	62	12.75	7.46	39	8.02	4.69	125	25.91	15.04
1918	6,148,620	8,774	22	3.57	2.51	60	9.95	6.84	77	12.52	7.78	139	25.85	18.12
1919	5,022,412	7,573	21	4.18	2.78	56	11.15	7.39	54	10.75	7.13	131	26.28	17.30
1920	6,908,923	8,688	29	4.20	2.99	53	7.81	6.10	38	5.50	4.37	120	17.37	13.81
1921	5,937,195	10,010	21	3.54	2.10	64	10.78	6.39	25	4.23	2.50	110	18.53	10.99
1922	5,976,432	8,547	25	3.86	4.09	38	6.36	4.45	35	5.86	4.09	108	18.07	12.64
1923	6,866,923	9,927	22	3.19	2.21	44	6.39	4.43	10	1.45	1.00	76	11.07	7.65
1924	5,203,713	7,317	21	4.03	2.86	42	8.07	5.74	40	7.68	5.47	103	19.79	14.35
1925	5,883,394	8,774	30	5.10	3.40	59	10.03	3.42	56	9.52	6.38	145	24.65	16.53
1926	6,508,908	8,763	39c	5.99	4.99	67	10.29	7.65	119	10.33	13.58	225	34.57	25.68
1927	6,936,780	9,016	26	3.75	2.88	76	10.96	8.43	115	16.50	12.71	217	31.28	24.06
1928	7,334,179	9,496	28	3.82	2.96	71	9.68	7.48	122	13.63	12.85	221	30.12	23.27
1929	7,147,250	9,572	31	4.34	3.24	69	9.65	7.21	98	13.71	10.24	198	27.70	20.30
1930	5,755,911	8,889	11	1.91	1.24	69	11.99	7.76	97	17.20	10.90	177	30.75	19.91
1931	4,563,309	8,070	16	3.51	1.98	75	16.44	9.27	73	16.00	9.04	164	35.92	20.32
1932	4,867,984	7,837	11	2.26	1.40	61	12.53	7.78	96	19.79	12.25	168	34.51	21.43
1933	*4,714,784	8,042	6	1.27	.75	60	12.73	7.46	109	20.99	13.55	175	37.12	21.76
1934	*4,748,848	7,863	15	3.14	1.91	68	14.31	8.65	70	14.74	8.90	153	32.21	19.45
1935	*5,462,973	7,824	35d	6.40	4.47	66	12.08	8.44	113	20.68	14.44	214	39.17	27.55
1936	*5,696,375	8,110	11	1.92	1.26	79	13.87	9.74	101	17.73	12.45	191	33.53	23.55
1937	*5,551,683	7,836	20	3.60	2.55	72	12.97	9.19	73	13.15	9.32	165	29.72	21.06
1938	*5,230,015	7,411	21e	4.01	2.83	72	13.76	9.71	135	25.81	18.21	228	43.59	30.76
1939	*5,518,105	7,456	17	3.08	2.27	57	10.33	7.64	180	32.60	24.14	254	46.03	34.06
1940	*6,205,083	7,416	13	2.10	1.76	79	12.73	10.65	97	15.63	13.08	189	30.46	25.48
1941	*6,970,064	7,714	48f	6.89	6.22	78	11.19	10.11	142	20.37	18.41	268	38.73	34.74
1942	*7,754,279	8,040	17	2.19	2.11	92	11.86	11.44	148	19.09	18.40	257	33.14	31.95
1943	*7,677,982	8,636	25g	3.26	2.89	73	9.51	8.45	152	19.80	17.60	250	32.56	28.95
1944	*7,427,433	8,375	10	1.34	1.19	70	9.42	8.35	125	16.83	14.92	205	27.60	24.47

c. Including 10 deaths by explosion at McGillivray Creek Coal & Coke Co., Ltd., Coleman.

d. Including 16 deaths by explosion at Lethbridge Collieries Ltd., Coalhurst.

e. Including 5 deaths by explosion at Hinton Collieries Ltd., Hinton.

f. Including 4 deaths by explosion at North American Collieries, Ltd., East Coulee, and 29 deaths by explosion at Brazeau Collieries, Ltd., Nordegg.

g. Including four deaths caused by an explosion at the Kerralta Coal Co., Lethbridge.

*Output does not include coal produced by farmers under permit

Number of tons produced per accident:

DOMESTIC COAL FIELD

Areas	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Ardley	7,109	15	.....	.....	.....	.....
Big Valley	5,471	19	.....	.....	.....	.....
Brooks	88,364	36	.....	88,364	.....	88,364
Camrose	65,295	88	.....	.....	.....	.....
Carbon	46,379	83	.....	.....	.....	.....
Castor	40,450	85	.....	.....	.....	.....
Champion	7,177	17	.....	.....	.....	.....
Drumheller	1,678,312	2,006	419,533	62,153	57,867	27,969
Edmonton	389,330	506	.....	5,562	5,562	28,524
Gleichen	16,430	43	.....	.....	.....	.....
Halcourt	553	9	.....	.....	.....	.....
High Prairie	588	2	.....	.....	.....	.....
Lethbridge	481,896	628	.....	240,948	14,906	13,767
Milk River	1,629	6	.....	.....	.....	.....
Pakowki	216	2	.....	.....	.....	.....
Pembina	72,187	87	.....	.....	.....	.....
Redcliff	10,638	21	.....	.....	.....	.....
Rochester	4,257	7	.....	.....	.....	.....
Sheerness	49,786	35	.....	.....	.....	.....
Taber	75,066	55	.....	.....	.....	.....
Tofield	101,895	66	.....	.....	.....	.....
Wetaskiwin	1,085	3	.....	.....	.....	.....
Whitcourt	287	4	.....	.....	.....	.....
No Area	2,581	5	.....	.....	2,581	2,581
Total	3,146,801	3,828	786,700	85,048	44,954	28,349

SUB-BITUMINOUS COAL FIELD

Coalspur	651,340	603	651,340	162,835	65,134	43,423
Pekisko	5,864	9	.....	.....	.....	.....
Pincher	660	2	.....	.....	.....	.....
Prairie Creek	7,637	19	.....	.....	.....	.....
Saunders	63,926	117	.....	.....	.....	.....
Total	729,427	750	729,427	182,357	72,942	48,628

BITUMINOUS COAL FIELD

Cascade	363,314	307	.....	90,828	90,828	45,414
Crowsnest	1,943,068	2,184	485,767	161,922	114,298	5,889
Mountain Park	892,954	862	892,954	89,295	49,608	30,791
Nordegge	351,869	444	.....	117,289	58,645	39,096
Total	3,551,205	3,797	710,241	122,455	78,915	44,951

SUMMARY

Domestic	3,146,801	3,828	786,700	85,048	44,954	28,349
Sub-Bituminous	729,427	750	729,427	182,357	72,942	48,628
Bituminous	3,551,205	3,797	710,241	122,455	78,915	44,951
Total	7,427,433	8,375	742,743	106,106	89,509	66,409

Classification of Accidents according to output of mines which produced during the year 1944 :

	Under 1,000 tons	From 1,000 to 5,000 tons	From 5,000 to 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 150,000 tons	From 150,000 to 200,000 tons	From 200,000 to 300,000 tons	Over 300,000 tons	Total
Fatal										10
Serious										70
Slight										125
Total.....		4	1	4	41	18	36	64	37	205

Tons of coal produced per accident:

Fatal .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	742,743
Serious .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106,106
Slight .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59,419
Total.....	.....	34,392	110,917	171,265	19,046	55,025	14,628	31,631	57,859	36,231

FATAL ACCIDENTS

George Brown, driver, age 38, on January 4th, in the mine operated by Regal Coal Co., Ltd., East Coulee, while in No. 3 Butt 10 East. He slipped and rolled under a car, causing fractured pelvis, from the effects of which he died January 6th.

James Prince, surface labourer, age 27, on February 2nd, in the mine operated by Hillcrest Mohawk Collieries, Ltd., Bellevue, while pursuing his duties as greaser on main and tail haulage. He evidently got caught at bull wheel, resulting in his death. He was found by locomotive driver.

George Doncoisne, coal buckler, age 44, on April 21st, in the mine operated by West Canadian Collieries, Ltd., Greenhill Mine, Blairmore. While in the course of his duties in 43 chute No. 2 seam he apparently was injured by coal and timber coming down on him, fracturing his skull.

Roland Levesque, driver, age 30, on May 29th, in the mine operated by the Commander Coal Company, Drumheller. Death due to asphyxia, broken ribs and lacerations. The body was found in 2 S. entry off 7 W. at intersection of 8 W., under a car, and the cause of the accident is unknown.

Daniel Utz, roller-man, age 51, on July 14th, in the mine operated by Hillcrest Mohawk Collieries, Ltd., Bellevue. It is presumed he was struck by a trip of cars in main slope, as the body was found by the side of derailed trip. Injuries were fractured skull, pelvis and compound fracture of both arms.

J. Yagar, miner, age 38, on July 17th, in the mine operated by McLeod River Hard Coal Co. (1941), Ltd., Mercoal. While trimming place, a block of coal fell, pinning him down, causing skull fracture and injury to brain, resulting in death.

Dmytro Grechylo, motorman, age 46, on August 24th, in the mine operated by the Brilliant Coal Company, Drumheller. While pursuing his duties, he was crushed between mine props and motor, causing crushed skull and chest.

Ernest S. Morochi, miner, age 42, on September 26th, in the mine operated by the Midland Coal Mining Co., Ltd., Drumheller. While loading coal in 31 pillar 19 S entry, a fall of top coal struck him, causing fatal injuries to head and chest.

J. V. Krkosky, miner, age 34, on October 11th, in the mine operated by West Canadian Collieries, Ltd., Greenhill Mine, Blairmore. While mining coal in 4 off 33 pillar No. 2 seam, he was a hit by a fall of top coal causing fractured skull, resulting in his death.

Antonio Uchergi, miner, age 60, on November 17th, in the mine operated by Mountain Park Coals, Ltd., Mountain Park. While repairing timber in 97 room section No. 2 slope, the roof caved, covering him with coal and timber, resulting in death by suffocation.

ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1944:

Months	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
January		1	2	3	1	10	15	26	29
February	1	2	.....	3	.....	7	8	15	18
March		1	1	2	.....	1	10	11	13
April		1	.....	1	1	6	9	16	17
May		1	3	4	1	4	4	9	13
June		2	1	3	.....	4	7	11	14
July		1	1	2	2	5	6	13	14
August			6	6	1	5	5	11	17
September		1	1	2	1	5	5	11	12
October					1	5	14	20	20
November			2	2	1	6	11	18	20
December		2	1	3	.....	2	13	15	18
Total	1	10	18	29	9	60	107	176	205

ACCIDENTS OCCURRING IN THE PROVINCE ABOVE AND UNDER GROUND
DURING THE YEAR 1944:

Cause of Accident	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Haulage	1	...	...	1	4	18	20	42	43
Fall of rock	...	...	...	...	...	17	18	35	35
Fall of coal	...	1	...	1	4	8	16	28	29
Loading coal	...	...	...	...	...	1	5	6	6
Timbering	...	...	...	...	...	5	6	11	11
Coal-cutting machinery	...	...	...	...	...	1	5	6	6
Loading rock	...	...	...	...	...	...	2	2	2
Tippie machinery	...	2	...	2	...	...	...	...	2
Spragging cars	...	...	...	...	...	...	1	1	1
Coupling cars	...	...	...	...	...	...	2	2	2
Miscellaneous	...	7	18	25	1	10	32	43	68
Total	1	10	18	29	9	60	107	176	205

Accidents occurring in the Province above and under ground for the year 1944,
classified according to the areas in which they occurred:

DOMESTIC

Area	Above Ground				Under Ground				Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Slight	Total	
Brooks	...	...	...	...	...	1	...	1	1
Drumheller	...	1	3	4	4	26	26	56	60
Edmonton	...	...	...	...	...	7	7	14	14
Lethbridge	...	1	6	7	...	1	27	28	35
No Area	...	...	...	...	...	...	1	1	1
Total	...	2	9	11	4	35	61	100	111

SUB-BITUMINOUS

Coalspur	...	2	2	4	1	2	8	11	15
Total	...	2	2	4	1	2	8	11	15

BITUMINOUS

Cascade	...	1	1	2	...	3	3	6	8
Crowsnest	1	2	1	4	3	10	16	29	33
Mountain Park	...	2	4	6	1	8	14	23	29
Nordegg	...	1	1	2	...	2	5	7	9
Total	1	6	7	14	4	23	38	65	79

Classification of Accidents according to the Coal Fields in which they occurred:

DOMESTIC

Cause	Above Ground			Under Ground			Total Above and Under Ground
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage, struck by haulage rope					1		1
Rope Haulage, hand caught in bull wheel						1	1
Horse Haulage, run over by loaded car				2			2
Horse Haulage, foot caught in switch					1		1
Horse Haulage, bumped leg on bolt of car						2	2
Horse Haulage, caught between cars					1		1
Horse Haulage, kicked by horse					1		1
Horse Haulage, caught between car and post						1	1
Horse Haulage, coal from car fell on hand						1	1
Hand Haulage, caught hand between derailed car and rib					1		1
Hand Haulage, caught between car and prop						1	1
Hand Haulage, caught between cars						1	1
Locomotive Haulage, mine car ran over hand while changing switch				1			1
Locomotive Haulage, crushed between motor and post						1	1
Locomotive Haulage, head caught between locomotive and roof					1		1
Fall of rock in entry					6	4	10
Fall of rock in room					6		6
Fall of rock on longwall face					1		1
Fall of coal in entry					3		3
Fall of coal in room					3		3
Fall of coal in pillar				1		7	7
Loading Coal, piece of coal fell on foot					1		1
Loading Coal, coal rolled on hand						3	3
Loading Coal, hit hand against car					1		1
Loading Coal, caught hand between piece of coal and car						1	1
Loading Rock, piece of rock fell on his foot						2	2
Timbering, hand caught between boom and post					1		1
Timbering, hit by post which was being passed to him						1	1
Timbering, boom slipped and knocked him against coal						1	1
Timbering, hit by falling boom					1		1
Timbering, timber fell on hand						1	1
Timbering, timber jack fell on foot						1	1
Coal-cutting Machinery, finger caught between machine and face						2	2
Coal-cutting Machinery, bar slipped while moving machine						1	1
Coal-cutting Machinery, lifting jack slipped and flew up hitting thumb					1		1
Coal-cutting Machinery, bar fell on him						1	1
Coal-cutting Machinery, hand caught between jack and machine						1	1

Cause	Above Ground			Under Ground			Total Above and Under Ground
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Coupling Cars, caught leg between bumpers						1	1
Coupling Cars, wheel of car passed over his foot						1	1
Miscellaneous, struck by axe of working partner			1			1	1
Miscellaneous, hit by bone coming down chute					2		2
Miscellaneous, thumb caught in electric drill					1		1
Miscellaneous, slipped off ladder in shaft			1				1
Miscellaneous, while unloading timber one rolled on his hand						1	1
Miscellaneous, dropped rail on foot			1				1
Miscellaneous, piece of machinery fell on foot			1		1		4
Miscellaneous, slipped and fell						3	
Miscellaneous, cage descended too fast and jar at bottom hurt back					1		1
Miscellaneous, hit hand with axe						1	1
Miscellaneous, struck by falling post						1	
Miscellaneous, caught between loader and boxcar			1				1
Miscellaneous, hit by coal in boxcar			1				1
Miscellaneous, fell off boxcar			1				1
Miscellaneous, dropped timber on foot			1				1
Miscellaneous, rock slipped from gob					1		1
Miscellaneous, rail fell on hand						1	1
Miscellaneous, caught hand between rail and car						1	1
Miscellaneous, fell from tippie building		1					1
Miscellaneous, hand caught in switch			1				1
Miscellaneous, struck finger on chute apron					1		1
Total	1	1	9	4	36	61	111

SUB-BITUMINOUS

Rope Haulage, struck by car						1	1
Horse Haulage, caught between car and rib						1	1
Horse Haulage, stripping pit, coal rolled from face and caught his leg	1		1				1
Fall of rock in room						2	2
Fall of coal in room				1	1		1
Miscellaneous, fell into chute						1	1
Miscellaneous, fell against wall in boiler room			1				1
Miscellaneous, slipped and fell			1			2	4
Miscellaneous, fell from boxcar	1				1		1
Miscellaneous, struck by plank						1	1
Total	2	2	2	1	2	8	15

BITUMINOUS—Continued

Cause	Above Ground			Under Ground			Total Above and Under Ground
	Fatal	Serious	Slight	Total	Fatal	Serious	Total
Miscellaneous, slipped on sheet iron .....	.....	.....	.....	.....	.....	.....	2
Miscellaneous, hit coal with pick and piece went in eye .....	.....	.....	.....	.....	.....	1	1
Miscellaneous, pipe wrench slipped .....	.....	.....	1	1	.....	.....	1
Total	1	6	7	14	4	23	79

SUMMARY

Domestic .....	.....	2	9	11	4	35	61	100	111
Sub-Bituminous .....	.....	2	2	4	1	2	8	11	15
Bituminous	1	6	7	14	4	23	38	65	79
Total	1	10	18	29	9	60	107	176	205

Accidents during 1944, classified according to the Mine in which they occurred:
DOMESTIC COAL FIELD

Name of Operator	Area	Above Ground			Under Ground			Total Above and Under Ground
		Fatal	Serious	Slight	Fatal	Serious	Slight	
B. Ainsley	No Area						1	1
Banner Coals, Ltd.	Edmonton					1	6	7
Brilliant Coal Co.	Drumheller			1	1	2	4	7
Commander Coal Co.	Drumheller				1	1	1	3
Empire Collieries, Ltd.	Drumheller					2	2	4
Fridel & Opalinski	Edmonton					1		1
Great West Coal Co., Ltd.	Edmonton					2	1	3
J. J. Hamilton Coal Co.	Lethbridge						3	3
Hy-Grade Coal Mining Co., Ltd.	Drumheller					6	3	9
Kent Coal Co., Ltd.	Edmonton					1		1
Kleenbirt Collieries, Ltd.	Brooks					1		1
Lethbridge Collieries, Ltd.	Lethbridge		2	2			9	11
Lethbridge Collieries, Ltd.	Lethbridge	1	4	5			15	21
Long Coal Co.	Edmonton					1		1
Maple Leaf Minerals, Ltd.	Drumheller				1	2		3
Midland Coal Mining Co., Ltd.	Drumheller							1
Monarch Coal Mining Co., Ltd.	Drumheller				1			1
H. Molzan	Drumheller					1	3	4
Murray Collieries, Ltd.	Drumheller			1		3	4	7
Newcastle Collieries, Ltd.	Drumheller						2	2
Red Deer Valley Coal Co., Ltd.	Drumheller			1		3		4
Regal Coal Co., Ltd.	Drumheller		1	1			7	9
Rosedale Collieries, Ltd.	Drumheller				1	4		5
Western Gem & Jewel Collieries, Ltd.	Drumheller					1		1
Total		2	9	11	4	35	61	111

SUB-BITUMINOUS COAL FIELD

Foothills Collieries, Ltd.	Coalspur					1	3	4
McLeod River Hard Coal Co. (1941), Ltd.	Coalspur		1	2		1	5	7
Sterling Collieries, Ltd.	Coalspur		1					1
Total		2	2	4	1	2	8	15

BITUMINOUS COAL FIELD

Name of Operator	Area	Above Ground			Under Ground			Total Above and Under Ground
		Fatal	Serious	Slight	Fatal	Serious	Slight	
Brazeau Collieries, Ltd.	Nordegg	.....	1	1	.....	2	4	6
Brazeau Collieries, Ltd.	Nordegg	.....	.....	.....	.....	.....	1	1
Canmore Mines, Ltd.	Cascade	.....	1	1	.....	3	3	4
Hillcrest Mohawk Collieries, Ltd.	Crowsnest	1	.....	.....	1	.....	2	3
International Coal & Coke Co., Ltd.	Crowsnest	.....	.....	1	.....	4	4	5
Luscar Coals, Ltd.	Mountain Park	.....	1	2	.....	6	5	11
McGillivray Creek Coal & Coke Co., Ltd.	Crowsnest	.....	.....	.....	.....	.....	6	6
Foothills Mountain Park Coals, Ltd.	Mountain Park	.....	1	1	.....	1	8	10
West Canadian Collieries, Ltd.	Crowsnest	.....	1	.....	.....	5	.....	5
West Canadian Collieries, Ltd.	Crowsnest	.....	1	.....	2	1	4	7
Cadomin Coal Co., Ltd.	Mountain Park	.....	.....	1	.....	1	1	2
Total	.....	1	6	7	14	4	23	65
79	.....	.....	.....	.....	.....	.....	.....	.....

SUMMARY

Domestic	.....	.....	2	9	11	4	35	61	100	111
Sub-Bituminous	.....	.....	2	2	4	1	2	8	11	15
Bituminous	.....	1	6	7	14	4	23	38	65	79
Total	.....	1	10	18	29	9	60	107	176	205

LIST OF PROSECUTIONS INSTITUTED UNDER THE MINES ACT, FOR THE YEAR ENDING DECEMBER 31, 1944

Mine in which Contravention was Committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
International Coal & Coke Co., Ltd.	Chute Loader	Did have in his possession unlawfully, one lucifer match	Convicted	Fined \$5.00 and costs or 7 days in jail	\$ 3.50
International Coal & Coke Co., Ltd.	Stopping Builder	Did have in his possession unlawfully, three lucifer matches	Convicted	Fined \$5.00 and costs or 7 days in jail	\$ 3.50
B. Ainsley & Son McGillivray Creek Coal & Coke Co., Ltd.	Mine Manager	Working in the mine with an open light	Convicted	Fined \$10.00 or 5 days in jail	2.50
Hillcrest-Mohawk Collieries, Ltd.	Chute Loader	Did have in his possession unlawfully, two lucifer matches	Convicted	Fined \$5.00 and costs or 7 days in jail	4.00
Hillcrest-Mohawk Collieries, Ltd.	Driver	Boarding a mantrip truck whilst it was moving	Convicted	Fined \$10.00 and costs or 14 days in jail	3.20
Hillcrest-Mohawk Collieries, Ltd.	Driver	Boarding a mantrip truck whilst it was moving	Convicted	Fined \$10.00 and costs or 14 days in jail	3.20
Hillcrest-Mohawk Collieries, Ltd.	Miner	Boarding a mantrip truck whilst it was moving	Convicted	Fined \$10.00 and costs or 14 days in jail	3.20
Illegal Mine	Farmer	Did unlawfully work at working face in a mine as a coal miner, not being the holder of a first, second, third class or miner's certificate under The Mines Act	Convicted	Fined \$10.00 or 15 days in jail	4.25
McLeod River Hard Coal Co. (1941), Ltd.	Miner	Unlawfully connecting shots	Convicted	Fined \$2.50	4.25
McLeod River Hard Coal Co. (1941), Ltd.	Fireboss	Unlawfully allowing another person other than a certificated person to connect a shot	Convicted	Fined \$15.00	10.75
West Canadian Collieries, Ltd. (Greenhill)	Rollerman	Riding on a mine car without permission of Manager or Overman	Convicted	Fined \$5.00 and costs or 7 days in jail	4.00
Midland Coal Mining Co., Ltd.	Miner	Assault with intent to harm	Convicted	Fined \$5.00	4.95
West Canadian Collieries, Ltd. (Greenhill)	Miner	Did store powder in the mine	Convicted	Fined \$5.00	4.00
	Labourer	Did have in his possession unlawfully, a packet of lucifer matches	Convicted	Fined \$10.00 and costs or 30 days in jail	9.50

The Province is divided into seven Inspection Districts as follows:

Inspection District	Inspector	Areas in District
Calgary	W. G. Heeley	Drumheller, Carbon, Gleichen, Cascade, Highwood, Nordegg, Pekisko and Saunders.
Edmonton-Camrose	A. B. Hunter	Ardley, Big Valley, Camrose, Castor, Edmonton, Pembina, Rochester, Tofield.
Lethbridge	W. E. G. Hall	Brooks, Champion, Lethbridge, Milk River, Pakowki, Redcliff, Taber.
Blairmore	E. H. Morgan	Crowsnest and Pincher.
Edson	A. Muir	Coalspur, Mountain Park, Prairie Creek.
Drumheller	J. D. B. Brown	Big Valley, Carbon, Drumheller, Gleichen, Sheerness.
At Large, Edmonton	J. A. Dutton	Halcourt, High Prairie, Pembina and Whitecourt.
Electrical Inspector, Edmonton	Burton Tait	Inspects all electrified mines in the Province.

NUMBER OF MINES OPENED, ABANDONED AND RE-OPENED ACCORDING TO AREAS AND KIND OF COAL, DURING THE YEAR

Area	Area Number	Character of Coal	No. of Mines in operation Dec. 31, '44	Mines opened during the year	Mines re-opened during the year	Mines closed but not abandoned	Mines abandoned during the year	Name and Address of District Inspector of Mines
Ardley	1	Domestic	7	1	3			A. B. Hunter, Provincial Bldg., Edmonton, Alta., Tel. No. 28612.
Big Valley	2	Domestic	2	1	2	.....	.....	
Camrose	5	Domestic	4	.....	2	3	1	
Castor	8	Domestic	25	1	1	5	1	
Edmonton	15	Domestic	24	.....	1	1	3	
Pembina	31	Domestic	1	.....	.....	1	.....	
Tofield	42	Domestic	3	.....	2	2	.....	
Wetaskiwin	45	Domestic	1					W. E. G. Hall, Lethbridge, Alta., Tel. No. 3325.
Rochester	35	Domestic	2	.....	.....	.....	.....	
Brooks	3	Domestic	1	.....	.....	.....	1	
Champion	9	Domestic	2	.....	.....	.....	1	
Lethbridge	20	Domestic	7	.....	.....	4	.....	
Milk River	22	Domestic	2	.....	.....	.....	.....	
Pakowki	28	Domestic	2	.....	.....	.....	1	
Redcliff	34	Domestic	2					A. Muir, Edson, Alta., Tel. No. 35.
Taber	41	Domestic	6	.....	.....	2	.....	
Coalspur	11	Sub-Bituminous	5	.....	1	2	.....	
Mountain Park	24	Bituminous	5	.....	.....	.....	.....	
Prairie Creek	33	Sub-Bituminous	1	.....	.....	.....	.....	
Crowsnest	12	Bituminous	7	1	.....	.....	.....	
Pincher	32	Sub-Bituminous	1	.....	.....	.....	.....	
Highwood	19	Bituminous	1					E. H. Morgan, Blairmore, Alta., Tel. No. 70.
Carbon	6	Domestic	4	.....	.....	.....	.....	
Cascade	7	Bituminous	2	.....	.....	.....	.....	
Drumheller	14	Domestic	6	.....	2	1	1	
Gleichen	17	Domestic	3	.....	.....	.....	.....	
Nordegg	25	Bituminous	2	.....	.....	.....	.....	
Pekisko	30	Sub-Bituminous	1	.....	.....	.....	1	
Saunders	36	Sub-Bituminous	2					J. D. B. Brown, Drumheller, Alta., Tel. No. 413.
Carbon	6	Domestic	10	1	1	.....	.....	
Drumheller	14	Domestic	19	.....	.....	2	.....	
Gleichen	17	Domestic	2	.....	.....	1	.....	
Sheerness	38	Domestic	6	1	.....	2	1	
Big Valley	2	Domestic	1	.....	.....	.....	.....	
Halcourt	18	Domestic	3			4		J. A. Dutton, Edmonton, Alta., Tel. No. 22889.
Whitecourt	46	Domestic	2	.....	.....	2	.....	
High Prairie	48	Domestic	2	.....	.....	1	.....	
Pembina	31	Domestic	3	.....	1	3	.....	
No Area .....	.....	Domestic	1	1	.....	1	.....	
Total			180	5	13	42	11	

In addition to the above, Mr. J. A. Dutton, 11134 126th Street, Edmonton, is acting in the capacity of Assistant Chief Inspector of Mines, Telephone No. 83814.

In addition to the above, Mr. Burton Tait is the Electrical Inspector for all mines in the Province. His address is 5 Normandie Apts., and the Telephone No. 23716.

BOARD OF EXAMINERS

The Provincial Board of Examiners during the year 1944 consisted of the following:

As representing:

- (a) The Mine Inspectorate: John Crawford, Chief Inspector of Mines.
- (b) Managers: A. C. Dunn and William Wilson.
- (c) Working Miners: Andrew Campbell and Evan Morgan.

Secretary: Gwen Hunt.

Examinations during the year were held as follows:

For third class at the following centres: Blairmore, Canmore, Cadomin, Drumheller, Edmonton, Lethbridge and Nordegg on May 30th.

For first and second class on June 6th, 7th and 8th, at Canmore, Blairmore, Lethbridge, Edmonton, Cadomin and Drumheller.

For mine surveyor on June 8th at Blairmore, Lethbridge, Edmonton, Drumheller and Cadomin.

The Board of Examiners for the examination of candidates for certificates of competency as mine electricians, comprised of Mr. A. B. Hunter, as chairman, and Mr. Burton Tait, Electrical Inspector of Mines, as the other member, held examinations in the following centre during the year: Edmonton, July 12th, and November 8th, 1944.

Nine candidates presented themselves for examination for mine electrician's certificates, of whom six were successful.

Twelve candidates presented themselves for examination for first class certificates, of whom three were successful.

Seventeen candidates presented themselves for examination for second class certificates, including four supplementary examination candidates, of whom all seventeen were successful.

Forty-five candidates presented themselves for examination for third class certificates, of whom thirty-five were successful.

Four candidates presented themselves for examination for mine surveyors' certificates, of whom none were successful.

The successful candidates for all certificates are in the list following herewith.

LIST OF NAMES OF HOLDERS OF FIRST, SECOND AND THIRD CLASS
MINE SURVEYORS' AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta during the year 1944

FIRST CLASS

Name	Address	Cert. No.	Date of Issue
Clyne, James M.	Edmonton	16	13- 7-44
Jones, Daniel	Robb	17	14- 7-44
Mrokwia, Victor, Jr.	Canmore	18	15- 7-44

SECOND CLASS

Camarta, John	Cardiff	50	20- 7-44
Carr, Roy	Cadomin	55	28-11-44
Dolan, Iggy	Heisler	46	18- 8-44
Dropko, William	Drumheller	48	18- 8-44
Fox, Benjamin	Carbon	49	22- 7-44
Gallagher, John	Rosedale	43	14- 7-44
Horkulak, Andrew H.	Edmonton	39	14- 7-44
Looten, Henry	Newcastle	42	14- 7-44
Menzies, William	Drumheller	40	14- 7-44
Melson, Phillip	East Coulee	45	15- 7-44
McDonald, Thomas	Rosedale	41	14- 7-44
McLafferty, Daniel	Hillcrest	53	18- 8-44
Raisbeck, Robert M.	Drumheller	47	18- 7-44
Smillie, Walter	Drinnan	44	14- 7-44
Thomas, William J.	Luscar	51	24- 7-44
Tonge, Reginald	Blairmore	54	5-10-44
Young, John	Drumheller	52	26- 7-44

THIRD CLASS

Aitken, James R. S.	Nordegg	98	9- 8-44
Blasetti, Angelo	Nordegg	85	17- 7-44
Baich, Victor	Luscar	89	18- 7-44
Crawford, John C.	Bellevue	84	17- 7-44
Cowley, Robert	Saunders	86	17- 7-44
Cordel, Emile G.	Halkirk	91	18- 7-44
Carmichael, Maurice	Forestburg	94	28- 7-44
Ellison, Fred	Drumheller	75	14- 7-44
Farmer, John T.	Drinnan	80	17- 7-44
Gerla, Bernard J.	Lethbridge	72	14- 7-44
Gosney, Fred	Cadomin	76	14- 7-44

Name	Address	Cert. No.	Date of Issue
Cresl, John	Bellevue	87	17- 7-44
Henderson, Austin J.	Luscar	79	17- 7-44
Jones, William	Rosedale	74	14- 7-44
Kusnir, John	Cambria	81	17- 7-44
Kormendy, Alex	Rosedale	99	18- 8-44
Kormendy, Joe	Rosedale	103	25-10-44
Levesque, C.	Aerial	82	17- 7-44
Le Gear, Max	Forestburg	100	18- 8-44
Mather, Stanley	East Coulee	78	15- 7-44
Mitchell, Joseph M. P.	East Coulee	83	17- 7-44
McGuckie, John Martin	Wayne	97	3- 8-44
McQueen, Alexander	Mercoal	101	5-10-44
Olesky, Samuel P.	Mountain Park	77	14- 7-44
Otrasek, Michael	Aerial	93	20- 7-44
Petit, Jules A.	Newcastle	71	14- 7-44
Petrosky, Michael J.	Coleman	96	20- 7-44
Peta, Frank	Lethbridge	104	24-10-44
Rodocy, Kenneth	Aerial	70	14- 7-44
Surrendi, Nick	Wayne	73	14- 7-44
Stene, William V.	Cadomin	88	17- 7-44
Sladek, Anton, Jr.	Rosedale	90	18- 8-44
Shephard, William L.	East Coulee	92	20- 7-44
Urwin, James	Coleman	95	28- 7-44
White, James B.	Nordeg	102	24-10-44

MINE ELECTRICIAN

Barraud, Charles A.	Nordeg	120	12- 7-44
Basso, Joseph	Cadomin	123	8-11-44
Bailey, Edwin T.	Carbondale	124	8-11-44
Lamond, David	Edmonton	121	12- 7-44
Lupul, Eugene	Saunders	122	12- 7-44
Muhlberg, Karl Arthur	Mountain Park	125	8-11-44

LIST OF HOLDERS OF FIRST, SECOND AND THIRD CLASS CERTIFICATES, MINE SURVEYORS' AND MINE ELECTRICIANS' CERTIFICATES

Issued by the Government of the Province of Alberta to December 31st, 1944

List of Names of Holders of First Class Certificates

*Addie, W.	Lundbreck	19	25- 8-03
Aspinall, Francis	Vancouver, B.C.	22	1- 3-09
Ashburner, Edward	Lethbridge	40	9-12-10
*Alderson, Fred D.	Hosmer, B.C.	52	27- 9-11
Allen, Peter	Wayne	72	5-11-12
*Brown, J.	Calgary	18	24- 8-03
*Bastian, J.	Taber	43	19- 7-04
Broome, G. H.	New Zealand	46	28-11-04
Bradshaw, G. B.	Nanaimo, B.C.	61	16- 5-05
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
*Black, Ernest D.	Nova Scotia	84	29- 7-13
Brydon, Andrew D.	England	4	17- 9-14
*Brownrigg, John H.	Bankhead	21	17- 7-17
Blake, Henry	Blairmore	25	27- 7-17
Brown, Hugh R.	Carbon	26	28- 6-18
Bilson, George H.	Rhodesia	27	28- 6-18
Brown, R. J.	Montana	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Blair, John	Wayne	55	24- 7-24
Barclay, William	Drumheller	11	31- 7-36
Burton, John T.	Drumheller	13	8- 8-36
Brusset, John A.	Blairmore	10	1- 8-42
Brown, J. D. B.	Saunders	12	1- 8-42
Brady, John	Canmore	14	20- 7-43
Collins, W. F.	Blairmore	24	31-10-03
*Colville, A.	Edmonton	52	19- 1-05
Coulthard, R. W.	Blairmore	8	19- 3-06
*Cunningham, G. F.	Edmonton	7	10- 1-08
Church, J. A. H.	Nova Scotia	11	23- 1-08
Coulthard, R. W. (duplicate)	Blairmore	24	11-10-09
*Crowder, James	Drumheller	38	24-12-09
*Christianson, Peter	Edmonton	48	21-12-10
Clyne, James M.	Edmonton	69	18- 3-12
*Crowder, Harry	Drumheller	5	18- 9-14
*Callander, Ira C.	Pocahontas	13	12- 8-16
Cranston, Michael	Calgary	35	2- 7-19
Coupland, Edward	Cadomin	56	24- 7-24

List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Crawford, Alexander	Kaydee	61	24- 7-25
Crawford, John	Edmonton	65	26- 7-26
Chavignaud, Louis G.	Coal Valley	71	6- 8-27
Clark, H. Wilton	Drumheller	66	26- 7-27
*Cumberland, James	Drumheller	80	19- 1-31
Congdon, Milton H.	Blairmore	1	17- 7-40
Crawford, Hugh	Lethbridge	5	11- 7-41
Campbell, Thomas	Drumheller	13	14- 7-43
Clyne, James M.	Edmonton	16	13- 7-44
*Drinnan, R. G.	Edmonton	29	30- 1-04
*Dickson, G. H.	Edmonton	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
*Darbyshire, J.	Bellevue	35	3-12-09
*Davidson, W. A.	Alexo	25	27-11-09
*Davis, David	Edmonton	62	28-11-11
Duggan, William H.	Victoria, B.C.	85	29- 7-13
deHart, Joseph B.	Calgary	86	29- 7-13
Dennis, Fred W.	Brooks	12	28-10-15
*Davidson, David	Bellevue	15	12- 8-16
Donaldson, Chris S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Calgary	22	17- 7-17
D'Altroy, A. C.	British Columbia	53	17- 8-23
Davidson, J. M.	Lethbridge	75	23- 7-29
Dutton, J. A.	Drumheller	4	25- 7-32
Dalziel, Robert	Edmonton	8	29- 7-33
Donaldson, Adam G.	Shaughnessy	14	23- 8-37
Dunn, Robert A.	Nacmire	15	27- 8-43
*Evans, D.	Michel, B.C.	1	15-10-98
*Evans, D. (duplicate)	Michel, B.C.	14	11-12-02
Elliott, D.	Blairmore	20	13-10-03
Emmerson, C.	Bellevue	49	9- 1-05
Emmerson, J.	Frank	50	14- 4-05
Ellis, William	Champion	15	8- 1-09
Emerson, J.	Canmore	41	25- 8-19
*Finlayson, J.	Bassano	30	10- 2-04
Flint, W. G.	Edmonton	56	13- 4-05
*Fraser, Norman	Edmonton	1	21-12-05
*Fraser, G. L.	Coleman	1	31- 5-06
*Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Wabamun	40	12- 8-19
France, Thomas	Priddis	44	8-10-19
Green, R.	Calgary	58	26- 4-05
Graham, C.	Prince Rupert, B.C.	7	27- 2-06
Givin, Homer H.	Virginia, U.S.A.	57	23-11-11
Gray, David, Jr.	Washington, U.S.A.	65	4-12-11
Guernsey, F. W.	Vancouver, B.C.	80	18-12-12
Gotheridge, William T.	Ryley	54	16- 7-24
Gardner, H. H.	Coleman	9	18-12-34
Goodwin, William	Bellevue	12	4- 8-36
*Hardie, W. D. L.	Lethbridge	2	15-10-98
*Hamilton, W. L.	Lethbridge	4	2-12-98
*Hargreaves, James	East Coulee	9	25- 6-01
*Heathcote, Elijah	Coal Creek, B.C.	23	31-10-03
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
*Hargreaves, James	East Coulee (duplicate)	48	9- 1-05
*Huntrods, E. S. F.	Taber	3	29-12-05
Hamilton, Robert	Priddis	4	3- 1-07
Horne, Thomas	Victoria, B.C.	6	26-12-07
Horne, Robert	Coleman	12	7- 1-09
*Holden, James	Bankhead	14	7- 1-09
*Harrison, Stephen	Lethbridge	16	11- 1-09
Hart, John	Edmonton	23	23- 3-09
Howells, Nathaniel	Edmonton	64	4-12-11
Hunter, A. B.	Edmonton	14	12- 8-16
Higgins, Alexander	Calgary	19	7- 7-17
Heeley, William G.	Calgary	36	3- 7-19
Hetherington, W. B.	British Columbia	38	9- 7-19
Howden, A. B.	Scotland	50	1- 8-21
Hamilton, Allan	Drumheller	52	17- 8-23
Hall, William E. G.	Lethbridge	58	20- 7-25
Hibbert, W. J.	Edmonton	79	10- 9-30
Hnatyshyn, A. C.	Luscar	6	22- 3-33
Hibbert, W. J.	Edmonton (duplicate)	7	29- 7-33
Horne, James	Cadomin	21	21- 7-39
Hamilton, Duncan C.	Luscar	7	15- 7-41
*John, John	Fernie, B.C.	44	29- 4-04
*Jones, Samuel A.	Nanaimo, B.C.	57	24- 4-05
Jones, David	Edmonton	67	27-11-11
*Johnson, Moses	Blairmore	79	14-11-12
*Jordan, William	Drumheller	11	9- 9-15
*Jones, Griffith	Drumheller	63	21-10-25
Jones, Daniel	Robb	17	13- 7-44
Jones, J. R. B.	Hinton	18	21- 7-38
Kerr, Alex.	Tonkin, B.C.	27	18-12-03
*Keith, Thos.	Taber	20	29- 1-09
Knox, Thos. K.	Coal Creek, B.C.	28	30-11-09

List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Kellock James	Coleman	59	23-11-11
Kinsman, Alexander	Hosmer, B.C.	70	11- 5-12
Kellock, James	Coleman	76	8- 8-30
Little, John	Coalfields	5	2-12-98
*Livingstone, Robert	Lethbridge	16	
Lewellyn, D. R.	Michel, B.C.	42	2- 7-04
Little, W. F.	Canmore	4	29-12-05
*Lee, Robert J.	Estevan, Sask.	56	23-11-11
*Leblanc, Emile	Wayne	6	18- 9-14
Lindoe, Luke	Coleman	77	8- 8-30
*Morris, Jas. J.	Canmore	3	3-11-98
*Morris, Cyrus	Frank	12	13- 2-02
Mills, Thomas	Nanaimo, B.C.	35	2- 5-04
Manley, Henry L.	Fernie, B.C.	41	3- 6-04
*Morton, T. R.	Michel, B.C.	63	21- 7-05
*Marsh, John	Taber	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell Wm.	Pincher Creek	27	29-11-09
Millar, Andrew A.	Edmonton	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Donalda	78	13-11-12
Mather, Thomas	Edmonton	81	20- 7-13
Milne, Morgan C.	Pocahontas	83	24- 7-13
Morgan, Owen	Saunders	51	17- 8-23
Morrison, Edward	Fernie, B.C.	62	28- 9-25
Morris, William	Foothills	1	26- 7-31
Millar, David	Robb	2	25- 8-31
Morgan, Evan H.	Blairmore	3	27- 9-31
Morgan, Thomas E.	Hillcrest	15	26- 8-37
Melnik, Nick	Cadomin	4	11- 7-41
Muir, Alexander	Edson	6	11- 7-41
Miller, Henry	Rosedale	8	25- 7-41
Mrokwia, Victor, Jr.	Canmore	18	15- 7-44
McEvoy, James	Fernie, B.C.	17	1- 8-03
*McVicar, Samuel	Frank	59	26- 4-05
McLean Donald	Ladysmith, B.C.	62	22- 5-05
*McMillan, J. H.	Lethbridge	17	12- 1-09
*McDonald, John R.	Edmonton	29	30-11-09
McLenhan, J. A.	Edmonton	39	13- 1-10
*Macaulay, Donald A.	Drumheller	42	9-12-10
McCullough, James	Corbin, B.C.	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
*McKelvie, James	Nordegg	7	26-10-14
Macaulay, Angus G.	Drumheller	9	16- 8-15
McDonald, H. S.	Bellevue	17	7- 7-17
McLeod, John A.	Cadomin	18	7- 7-17
*McDonald, Noble M.	Vancouver, B.C.	33	9- 7-18
McIntyre, John J.	Coleman	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
McLean, Michael D.	Michel, B.C.	68	30- 8-26
MacKinnon, Hugh G.	Drumheller	20	20- 7-39
McDonald, Leslie M.	Coleman	23	28- 7-39
McMullen, Arthur	Nordegg	3	6-11-40
McAndrew John M.	Calgary	11	1- 8-42
Nugent, Bernard	Edmonton	57	1- 8-24
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie, B.C.	11	19-11-01
*Parker, John L.	North Star	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04
Powell, John W.	Coleman	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Edmonton	77	11-11-12
*Pavler, Evan L.	Edmonton	24	24- 7-17
*Puckett, Owen L.	Drumheller	29	3- 7-18
Pascoe, Thomas	Edmonton	78	8- 8-30
Potter, Idwal N.	Drumheller	22	25- 7-39
*Quigley, Jas. S.	Hillcrest	21	1- 2-09
Quigley, D. H.	Coalhurst	28	28- 6-18
*Reynolds, E. E.	Lethbridge	33	5- 4-04
Richards, James A.	Drumheller	39	17- 5-04
*Russell, Thomas	Victoria	45	28-10-04
Raisbeck Luke	Aerial	47	28-11-04
*Reed, Thomas	Northfield, B.C.	5	
Robertson, John	Drumheller	2	22-12-05
*Robertson, John	Lundbreck	9	18- 1-08
*Richards, Clifton C.	Calgary	36	13-12-09
Russell, John	Round Hill	44	22-12-10
Reid, John C.	Okiahoma, U.S.A.	53	4-12-11
*Roberts, Edward I.	Edmonton	55	18-11-11
Reid, Adam H.	Oklahoma, U.S.A.	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Blairmore	10	16- 8-15
Ramsay, P. M.	East Coulee	34	12-11-18
Richards, Russell	Drumheller	60	20- 7-25
Rappell, Thomas	Canmore	17	1- 9-37

List of Names of Holders of First Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Smith, Frank B.	Edmonton	7	4- 6-01
Stockett, Thos. R., Jr.	Nanaimo	10	19-11-01
Simister, Chas.	Fernie, B.C.	21	13-10-03
Strachan, Robert	Fernie, B.C.	31	10- 2-04
Shepherd, F. H.	Victoria, B.C.	34	2- 5-04
Symons, C. C.	Coalfields	37	2- 5-04
*Stockett, Lewis	Vancouver, B.C.	51	19- 1-05
*Sharp, Alex.	Edmonton	53	22- 2-05
*Stirling, John T.	Edmonton	8	10- 1-08
Scott, Alex.	Edmonton	5	26-12-07
Sparrow, Edwin	Lundbreck	13	7- 1-09
Scott, A. N.	Luscar	19	25- 1-09
*Shone, Samuel	Coleman	33	2-12-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
*Shaw, William	Edmonton	46	22-12-10
Stewart, Robert T.	Edmonton	50	12- 1-11
Shanks, John (cancelled)	Nordegg	51	17- 1-11
Stevenson, John	Scotland	68	6-12-11
Stevenson, William	Mercoal	87	29- 7-13
Shanks, David	Nordegg	61	4-11-16
Smith, Thomas E.	Montana	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James (cancelled)	Nordegg	48	26- 7-20
Scott, Thomas W.	Cadomin	67	17- 8-26
Sandino, J. A.	Drumheller	5	25- 7-32
Smith, Terence	Edmonton	10	1- 8-35
Thorne, B. L.	Calgary	32	2-12-09
*Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John Ira	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11
*Thomas, Joseph D.	Passburg	66	4-12-11
*Turner, John T.	Coalhurst	49	1- 8-21
Tennant, Robert	Drumheller	59	20- 7-25
Touhey, James B.	Drumheller	19	27- 7-38
Thomas, David R.	Edmonton	2	12-10-40
Thomson, John	Edmonton	9	17- 7-42
*Whiteside, O. E. S.	Vancouver, B.C.	6	15-12-98
White, E. Proctor	Lethbridge	8	17- 6-01
*Wyllie, John B.	Frank	13	25-11-02
Waite, Archibald	Taber	15	9- 4-03
*Wilson, David G.	Fernie, B.C.	22	31-10-03
Wilson, Arthur B.	Lethbridge	28	12- 1-04
*Wall, W. O.	Nanaimo, B.C.	32	10- 2-04
*Williams W. P.	Blairmore	36	2- 5-04
*Wright, H. B.	Fernie, B.C.	40	25- 5-04
*Wilkinson, Geo.	Nanaimo, B.C.	54	27- 3-05
*Weatherby, C.	Coleman	2	31- 5-06
Williams, T. H.	Taber	10	18- 1-08
Watters, John	Banff	30	30-11-09
*Wark, S. D.	Passburg	37	15-12-09
*Willey, Edward	Fernie, B.C.	71	1-11-12
Watson, William	Coleman	73	7-11-12
*Welch, Jas. D.	Nordegg	1	18- 9-14
Williams, Thos. B.	Canmore	2	18- 9-14
Watters, Alexander G.	Bankhead	32	5- 7-18
Watson, Ronald H.	Edmonton	37	3- 7-19
*Wilkinson, Geo.	Nanaimo, B.C. (duplicate)	45	21-11-19
Williams, Arthur E.	Saunders	69	1- 8-27
Wilson, Andrew	Edmonton	70	1- 8-27
Wilson, William	Canmore	72	19- 7-28
Whittaker, W. C.	Coal Valley	74	29- 7-28
Worthington, W. T.	Edmonton	16	26- 8-37
Young, David B.	Bellevue	64	26- 7-26
Yates, Frank	Michel, B.C.	73	29- 7-28

*Deceased.

Certificates issued previous to September 1, 1905, were issued under the provisions of The Coal-mines Regulation Ordinance of the North-West Territories.

List of Names of Holders of Second Class Certificates

Name	Address	Cert. No.	Date of Issue
*Anderson J.	Bellevue	2	30- 5-06
Aspinall, Francis	Vancouver, B.C.	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Caleman	51	17- 7-17
Ashman, Alfred W.	East Coulee	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordegg	110	16- 7-19
Adams, Thomas H.	Beverly	127	26- 7-20

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Anderson, Peter B.	Mountain Park	139	26- 7-20
Alexander, William	Bellevue	68	20- 7-38
Aschacker, Martin	Blairmore	17	20- 1-42
Appleby, Wm. S.	Canmore	18	17- 7-42
Ainsworth, John H.	Halkirk	25	24- 7-42
*Bastian, J.	Taber	27	7- 5-04
Bastian, T. W.	Clover Bar	27	8- 4-05
Bowie, J.	Leduc	4	3- 1-07
Bamling J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	20-12-11
Bridge, Edward	Cumberland, B.C.	99	5-11-12
Brown, Alan J.	Coleman	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Blairmore	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15
Bilson, George H.	Rhodesia	2	27- 8-14
*Brownrigg, John H.	Bankhead	21	30- 8-15
Berford, Edward	Commerce	27	12- 8-16
Barclay, William	Drumheller	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Picture Butte	72	11- 7-18
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Ball, Benjamin	Michel, B.C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge James	Nanaimo, B.C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Luscar	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Carbon	154	10-10-21
Bradley, Thomas	Bellevue	166	17- 8-23
Baybutt, Thomas	Hillcrest	168	17- 8-23
Blas, Emile	Wayne	169	17- 8-23
Boucher, Charles T.	Wayne	175	16- 7-24
Barrowman, Alexander	Ardley	182	14-11-24
Bainbridge, George E.	Nordegg	183	12-12-24
Birse, Alexander	Coalhurst	185	20- 7-25
Brown, Richard G.	Cadomin	192	30- 7-26
Burton, William H.	Edmonton	194	6- 8-26
Burton, John T.	Edmonton	212	23- 7-29
Barrie, John	Drumheller	8	26- 7-31
Boughton, C. A.	Rosedale	10	25- 7-32
Burton, James	Robb	13	25- 7-32
Burrell Archibald K.	Drumheller	37	26- 7-34
Brown, John D. B.	Mountain Park	55	4-11-36
Barclay, Peter	Rosedale	4	3- 8-40
Bradshaw, Richard	East Coulee	8	12- 7-41
Baldwill, F. W.	Hillcrest	20	17- 7-42
Blake, Raymond	Bellevue	28	12- 8-42
Chestnut, C.	Vancouver, B.C.	30	18- 4-05
*Corkill, T.	Michel, B.C.	13	
*Crowder, James	Blairmore	10	26-12-07
Clay, E.	Oxville	28	7- 1-09
*Clark, J. C.	Blairmore	49	22-12-09
Clyne, James	Edmonton	53	22- 4-10
Clemenson John	Scotland	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
*Crowder Harry	East Coulee	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Drumheller	119	29- 7-13
Crawford, Alexander	Edmonton	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John C.	Toronto	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Edmonton	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18
Cartwright, Charles E.	Blairmore	85	2- 7-19
Clarkstone, W. W.	Fernie, B.C.	93	3- 7-19
Caufield, J.	Coal Creek, B.C.	105	15- 7-19
Carr Thomas	Cadomin	177	1-10-19
Cole, J. J.	Canmore	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Campbell, Thomas	Drumheller	174	16- 7-24
Chavignaud, Louis G.	Hinton	195	17- 8-26
Castella, Jens	Standard	35	23- 7-24
Clyne, James M.	Edmonton	42	18- 7-35
Carmichael, Malcolm	Canmore	65	21- 7-38
Crawford, Hugh	Lethbridge	85	12- 8-39
Curry, John	Hillcrest	86	12- 8-39

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Campbell, James	Calgary	94	20-12-40
Carson, James	Edmonton (duplicate)	16	25- 9-41
Crabb, Daniel J.	Lethbridge	21	17- 7-42
Cooke, Charles R.	Willow Creek	30	22- 4-43
Camarta, John	Cardiff	50	20- 7-44
Carr, Roy	Cadomin	55	28-11-44
Davis, A.	Lethbridge	4	19-11-98
Duggan, R. G.	Taber	19	26- 4-04
Davies, D.	Coleman	31	18- 4-05
Dunn, J. P.	Edmonton	9	26-12-07
Davies, John	Coleman	11	26-12-07
Davies, S.	Coal Creek, B.C.	18	10- 1-08
Dixon, S.	Lille	24	8- 2-08
Davis, John	Lethbridge	31	11- 1-09
*Davies, T.	Frank	54	22- 4-10
*Davidson, David	Alexo	94	1-11-12
Davies, Thomas O.	Pincher Creek	104	7-11-12
Dalziel, Robert	Edmonton	122	31- 7-13
*Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15
Donaldson, C. S.	Lethbridge	35	26- 8-16
Duncan, N. S.	Dodds	100	8- 7-19
D'Altroy, A. C.	British Columbia	145	1- 8-21
Dieter, W. J.	Sheerness	167	17- 8-23
Davidson, John M.	Clover Bar	187	1- 8-25
Dutton, Joseph A.	Mountain Park	198	1- 8-27
Davidson, Albert M.	Dodds	202	20-12-27
Davey, George	Rosedale	209	29- 7-28
Deere, G. E.	Foothills	214	23- 7-29
Davies, J. C. H.	Blakeburn, B.C.	219	10- 9-30
Dixon, John O.	High River	220	10- 9-30
Donaldson, Adam	Lethbridge	40	13- 8-34
Douglas, Peters S. Jr.	Cadomin	93	22- 4-40
Dunn, Robert	Willow Creek	6	12- 8-40
Dobson, Roy C.	Lethbridge	27	4- 8-42
Dolanz, Iggy	Heisler	46	18- 8-44
Dropko, Wm.	Drumheller	48	18- 8-44
Emmerson, C.	Bellevue	3	15-11-98
*Eccleston, W.	Michel, B.C.	16	10- 1-08
Evans, Thos. R.	Coleman	137	31- 7-13
Embree, Merton B.	Evansburg	98	3- 7-19
Edwards, John	Cadomin	7	26- 7-31
Evans, Howell	Mountain Park	24	29- 7-33
Elkes, Frederick W.	Drumheller	33	23- 7-34
Edwards, Mark	Edmonton	50	7- 8-36
Edwards, Oliver E.	Cadomin	53	12- 8-36
Esteban, Melchor	Calgary	59	23- 8-37
Evans, Howell	Luscar (duplicate)	77	23- 3-39
Erikson, Gustaf W.	Blairmore	81	25- 7-39
*Fraser, G. L.	Coleman	25	23-12-04
Flint, W. G.	Edmonton	16	
Francis, J.	Taber	29	8- 1-09
Fox, A.	Nevis	42	29-11-09
Foster, W. R.	Taber	51	24- 1-10
Fulton, James K.	Coleman	133	31- 7-13
Foster, William	Robb	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
*Ferguson, C. J.	Edmonton	38	30- 8-16
Fortner, Edward	Tennessee, U.S.A.	57	3- 7-18
France, Thomas	Priddis	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Nelson, B.C.	142	26- 7-20
Ford, Allen	Michel, B.C.	146	1- 8-21
Fraser, Alex.	Carmangay	221	10- 9-30
Fawcett Elmer S.	Cardiff	51	7- 8-36
Fox, Alfred A.	Canmore	63	13-11-37
Fridel, Stephen	Edmonton	59	30- 7-38
Fraser, William B.	Coleman	31	14- 7-43
Fox, Benjamin	Carbon	49	22- 7-44
Green, R.	Calgary	17	26- 4-04
Giffen, H. R.	Carbon	14	1905
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B.C.	100	5-11-12
Garrett, John	Blairmore	123	31- 7-13
Givens, John	Wayne	99	8- 7-19
*Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Gordon, Thomas	Drumheller	184	27- 5-25
Gilmour, John	Drumheller	222	9- 2-31
Goodwin, Geo. W.	Bellevue	2	26- 7-31
Goodwin, Wm.	Bellevue	9	26- 7-31
Greenhalgh, R. M.	Coleman	11	25- 7-32

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Gotheridge, W. V.	Round Hill	43	24- 7-35
Goodwin, Albert E.	Bellevue	72	26- 8-38
Griffiths, Edward	Foothills	1	3- 8-40
Gladwin, Lewis C.	Saunders	22	18- 7-42
Grant, Alexander	Hillcrest	24	22- 7-42
Gallagher, John	Rosedale	49	22- 7-44
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Blairmore	12	26-12-07
Horswell John	Edmonton	34	1- 2-09
Howells, Nathaniel	Wayne	55	25- 5-10
Hallworth, Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Drumheller	78	21-12-11
Heeley, William G.	Calgary	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Edmonton	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hamilton, Allan	Drumheller (duplicate)	1	1- 4-14
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Drumheller	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	England	10	18- 9-14
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B.C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings Andrew P.	Champion	62	5- 7-18
*Hulme, Charles	Rocky Mountain House	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Ardley	102	10- 7-19
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Hall, James	Coal Creek, B.C.	190	26- 7-27
Hibbert, William J.	Dinant	191	26- 7-27
Harries, John	Wayne	213	23- 7-29
Hamilton, John	Delia	18	10- 8-32
Hulbert, Havelock A.	Coleman	31	23- 7-34
Hamilton, Thomas M.	Blairmore	34	23- 7-34
Hooks, Albert	Drumheller	38	26- 7-34
Heyworth Ernest S.	Edmonton	45	2- 6-36
Hilliary, Joseph	Bellevue	49	7- 8-36
Hill Ernest	Coleman	57	23- 8-27
Holliday, Thos.	Drumheller	71	17- 8-38
Henry, Wm. B.	Newcastle	76	9-11-38
Heidel, Herbert G.	Priddis	26	1- 8-41
Horkulak, A. H.	Edmonton	39	14- 7-44
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B.C.	18	26- 4-04
*Johnson, Moses	Blairmore	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Drumheller	92	1-11-12
*Jordan, William	East Coulee	112	20-11-12
*James, William	Pocahontas	5	18- 9-14
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
*Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Jones, Daniel	Edmonton	178	24- 7-24
*Jones, Iltyd	Edmonton	197	1- 8-27
Jones, Elias	Coleman	16	25- 7-12
Johnstone Alexander	Edmonton	7	11- 7-41
Jones, John C.	Saunders	35	20- 7-43
Kerr, John	Lethbridge	33	6- 7-05
*Kellock, George	Coleman	39	27-11-09
Kellock, James	Coleman	82	30-12-11
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Hershel	Pocahontas	129	31- 7-13
Kerr, W. R.	Carbon	115	2- 9-19
Kennedy, Joseph	Willow Creek	47	31- 7-36
Kubin, John J.	Coleman	32	14- 7-43
Livingstone, J. C.	Lethbridge	5	19-11-98
*Livingstone, Robert	Lethbridge	6	5- 6-99
Lowrie, Ralph	Frank	34	6- 7-05
*Lee, Robert J.	Estevan, Sask.	56	17-12-10
Luck, George	Bellevue	70	19-12-11
Letcher William M.	Bankhead	96	1-11-12
Leblanc, Emile	Taber	127	31- 7-13
Littler, Robert	Bankhead	6	18- 9-14
Lundy, James	Drumheller	53	17- 7-17

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Larrrair, Charles F.	Drumheller	74	12- 7-18
Lindoe, Luke	Coleman	170	1- 9-23
Littler, James	Michel, B.C.	200	12- 8-27
Lavis, George	Drumheller	218	10- 9-30
Lloyd, James H.	Blairmore	12	25- 7-41
Lister, Arthur A.	Cadomin	14	25- 7-41
Lamond, David	Evansburg	36	20- 7-43
Looten, Henry	Newcastle	42	14- 7-44
*Musgrove, John	Canmore	2	15-11-98
*Musgrove, John	Canmore (duplicate)	9	25- 4-01
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Drumheller	29	8- 4-05
Morris, John	Lundbreck	8	3- 1-07
Morgan, Daniel	Edmonton	17	10- 1-08
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry K.	Coal Creek, B.C.	64	16- 1-11
Munro, William K.	Blairmore	76	21-12-11
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Luscar	106	11-11-12
Muir, David	Edmonton	108	11-11-12
Massey, Harry	Corbin, B.C.	116	25-11-12
Morgan, Owen	Saunders	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Edmonton	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Coalhurst	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19
Mossey, Thomas	Lethbridge	95	3- 7-19
Makin, J. W.	Hillcrest	103	15- 7-19
Marsh, E.	Wayne	113	25- 8-19
*Martin, R.	Taber	114	25- 8-19
Miller, John H.	Midlandvale	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
March, John H.	Midlandvale	153	1- 8-21
Meyers, August	Drumheller	172	18-12-23
Mossey, Robert	Frank	173	16- 7-24
*Martin, Henry Sr.	Saunders West	203	29- 2-28
Miller, David	Mercoal	204	19- 7-28
Miller, John K.	Drumheller (duplicate)	210	24-11-28
Morgan, Evan H.	Edmonton	215	23- 7-29
Marsh, Walter	Delburne	20	21- 9-32
Maievich, John (May)	Edmonton	26	29- 7-33
Morgan, Thos. E.	Hillcrest	27	22- 8-33
Moran, James	Edmonton	46	28- 7-36
Mayoh, Daniel	East Coulee	48	7- 8-36
Musgrove, Harry B.	Canmore	60	23- 8-37
Muir, Alexander	Alexo	67	27- 8-38
Miller, Henry	Burmis	75	13-10-38
Melling, Joseph	Lethbridge	82	25- 7-39
Mills, Basil	Shaughnessy	84	12- 8-39
Mrokwia, Victor Jr.	Canmore	2	3- 8-40
Mather, Richard	Edmonton	29	10- 8-42
Morrison, Neil A. P.	East Coulee	37	20- 7-43
Mather, John H.	Namoo	38	9- 9-43
Menzies, Wm.	Drumheller	40	14- 7-44
Melson, Phillip	East Coulee	45	15- 7-44
*McVicar, Samuel	Frank	23	23-12-04
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Cardiff	1	20-12-05
*McKay, Donald	Bankhead	3	30- 5-06
McLenhan, John A.	Edmonton	33	1- 2-09
*McKelvie, Jas.	Hosmer, B.C.	43	29-11-09
McDonald, Duncan	Drumheller	60	17-12-10
McMillan, Donald	Pincher Creek	71	20-12-11
MacDonald, James A.	Bellevue	79	21-12-11
MacKay, Angus	Nova Scotia	81	26-12-11
McIntyre, John J.	Coleman	88	2- 3-12
McDonald, J. O. C.	Coleman	15	16- 8-15
McDonald, Hector S.	Coleman	17	16- 8-15
*McDonald, Noble M.	Bellevue	18	16- 8-15
McLellan, John A.	Mercoal	24	2-11-15
McFegan, William	South Wellington, B.C.	34	22- 8-16
McIntyre, John J.	Bellevue (duplicate)	41	9-12-16
MacDonald, J. H.	Nanaimo, B.C.	48	10- 7-17
McQueen, Andrew	Edmonton	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McKinnon, John L.	Coleman	80	26- 7-18
McLean, Michael D.	Michel, B.C.	122	26- 7-20
McCullough, Alex.	Coleman	143	10- 8-20
McLeod, Alexander	Drumheller	149	1- 8-21
McDonald, William	Drumheller	155	10-10-21
McKenna, Peter	Cadomin	161	1- 8-22
McGaw, Albert M. S.	Camangay	171	15- 9-23
MacDonald, L. M.	Bellevue	217	10- 9-30

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McDonald, Clyde P.	Bellevue	1	26- 7-31
McGregor, Thos. B.	Lethbridge	19	10- 8-32
McGowan, John M.	Newcastle	36	26- 7-34
McCutcheon, J. A.	Midlandvale	58	19- 8-37
McAndrew, J. M.	Calgary	64	19- 7-38
McMullen, Arthur	Nordegg	66	21- 7-38
McDonald, William I.	Willow Creek	9	12- 7-41
McDonald, Thomas	Rosedale	41	14- 7-44
McLafferty, D.	Hillcrest	53	18- 8-44
*Nicol, James	Frank	36	10- 2-09
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Drumheller	46	10- 7-17
Nugent, Bernard	Camrose	73	11- 7-18
Novak, Mike	Milk River	32	23- 7-34
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Carbon	59	17-12-10
Oliphant John T.	Medicine Hat	153	1- 8-21
Ostler, James	Taber	160	1- 8-22
Ottewell, William J.	Clover Bar	176	16- 7-24
Ottewell, Cedric P.	Clover Bar	193	6- 8-26
Oakes, Robert	Blairmore	17	25- 7-32
*Phillips, Chas.	Frank	20	26- 4-04
Pearson, W. G.	Frank	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Edmonton	35	1- 2-09
Prentice, John	Virginia, U.S.A.	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Cardiff	68	28- 4-11
Powell, Albert E.	Lundbreck	85	16- 1-12
Farry, Thomas	Coleman	109	12-11-12
Picton, Daniel	Aerial	118	10- 2-13
Penman, John S.	Rosenroll	120	29- 7-13
*Pavler, Evan L.	Edmonton	37	30- 8-16
Puckett, Owen L.	Robb	50	17- 7-17
Park William	Bellevue	65	6- 7-18
Pembleton, Geo. W.	Edmonton	97	3- 7-19
Peacock, Charles	Coalhurst	138	26- 7-20
Prendergast, Denis	Nova Scotia	188	26- 7-26
Pettigrew, Robert	Corbin, B.C.	30	27- 4-34
Potter, I. N.	Nacmine	44	15- 8-35
Parker, Jack	Cardiff	52	6- 8-36
Price, Stanley R.	Blairmore	79	25- 7-39
Peta, Julius	Hardieville	90	23-10-39
Park, Angus	Edmonton	15	28- 7-41
Quigley, Daniel H.	Drumheller	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Quin, James	East Coulee	23	29- 7-33
Rice, Awrey	Edmonton	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B.C.	41	29-11-09
*Roberts, E. I.	Edmonton	52	12- 3-10
Ramsey, Peter M.	East Coulee	86	24- 2-12
*Roberts E.	Rosedale	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Alix	29	12- 8-16
Robinson, William	British Columbia	30	22- 8-16
Rawlinson, R.	Cadomin	32	22- 8-16
Richards, Evan	Edmonton	59	3- 7-18
Roberts, G.	Lethbridge	79	23- 7-18
Roberts, D. O.	Cardiff	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
*Radford, James	Bellevue	140	26- 7-20
Redpath, James	Wayne	147	1- 8-21
Ruffell, Alfred	Lethbridge	180	11- 8-24
Rees, Daniel	Blairmore	189	26- 7-26
Rappel, Thomas	Canmore	206	19- 7-28
Rolfe, E.	British Columbia	211	4- 2-29
Robertson, Duncan	Drumheller	29	10- 3-34
Rear, Albert E.	Coleman	56	15-12-36
Rochester Jasper J.	Hinton	78	20- 7-39
Riordan, Leo	Canmore	19	17- 7-42
Raisbeck, R. M.	Drumheller	47	18- 7-44
*Scott, Hugh	Lethbridge	7	9- 3-00
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan, Sask.	22	16- 4-04
Sparrow, Edwin	Tawatwinaw	7	3- 1-07
*Shone, Samuel	Coleman	23	23- 1-08
*Shaw, William	Edmonton	21	18- 1-08
Scott, Andrew N.	Luscar	19	10- 1-08
Stewart, J. M.	Nordegg	50	24-12-09
Sihvon, William	East Coulee	40	29-11-09
Sloan, Thomas W.	Burmis	67	2- 3-11
Shaw, Thomas J.	Hinton	75	21-12-11
Strickland, Thomas	Three Hills	101	5-11-12

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Scott, Alexander	Pocahontas	103	7-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Shanks, David	Nordegg	117	7-12-12
Stephenson, Joseph	Bellevue	135	31-7-13
Stephenson, Thomas	Bellevue	136	31-7-13
Smith, Thomas E.	Montana, U.S.A.	39	14-9-16
Simpson, William G.	British Columbia	45	10-7-17
Stevenson, John	Glasgow, Scotland	47	10-7-17
Sinclair, James	Drumheller	81	7-8-18
Sandino, J. A.	Drumheller	91	3-7-19
Stratton, J. M.	Redcliff	94	3-7-19
Saunt, James	Drumheller	123	26-7-20
Steele, Francis M.	Pincher Creek	125	26-7-20
*Scott, Frederick G.	Brule	128	26-7-20
Scarpino F.	Wayne	121	26-7-20
Shaw, William G.	Kimberley	177	24-7-24
Shaw, Joseph H.	Kimberley	196	22-9-26
Smith, Terrence	Beverly	205	19-7-28
Swan, John	Edmonton	12	25-7-32
Strang David	Mountain Park	15	25-7-32
Sutherland, S. R.	Bellevue	28	22-8-33
Smith, Peter	Coleman	39	13-8-34
Strickland, Thos.	Three Hills (duplicate)	54	16-10-36
Samis, Earl L.	Namao	62	30-9-37
Shaw, Robert	Coleman	70	2-8-38
Sinoski, Steve	Edmonton South	80	25-7-39
Sarsfield, Wm.	East Coulee	83	28-7-39
Simmons, Harry	Mountain Park	89	14-9-39
Scarpino, Eugene M.	Rosedale	5	4-9-40
Strickland, William	East Coulee	11	14-7-41
Stevenson, Robert	East Coulee	13	25-7-14
Shearer, John C.	Hillcrest	33	20-7-43
Smillie, Walter	Drinnan	44	14-7-44
*Thomas David	Bankhead	28	8-4-05
*Teppo, Herman	Bellevue	15	10-1-08
Thomas, John	Diamond City	30	8-1-09
Thain, Harry S.	Lethbridge	32	12-1-09
*Thomas, Jos. D.	Drumheller	37	25-11-09
*Taylor, Thomas	Hillcrest	62	22-12-10
Taylor, Geo. Warren	Lethbridge	83	30-12-11
Thomas, John	Frank	89	25-3-12
Tonge, Thomas	Lundbreck	90	1-6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31-7-13
Tennant, Robert	East Coulee	58	3-7-18
Tully, Thomas	Fernie, B.C.	75	12-7-18
Thompson, T.	Coleman	87	2-7-19
*Turner, J. H.	Coalhurst	89	2-7-19
Taylor, C. M.	Edmonton	118	1-10-19
Thomason, C.	Blairmore	119	12-11-19
Thomas Isaac	Coleman (duplicate)	120	2-1-20
Turner, Leonard	Nordegg	132	26-7-20
Thomson, Andrew R.	East Coulee	159	1-8-22
Thomson, George G.	Lethbridge	163	9-9-22
Turner, Leonard	Nordegg (duplicate)	179	11-8-24
Talbot, W. J.	Edmonton	207	29-7-28
Thackray, Fred	Lethbridge	208	29-7-28
Thomson, John	Edmonton	4	26-7-31
Thomson, James	Namao	6	27-7-31
Touhey, J. B.	Drumheller	22	6-5-33
Tyrer, Edward	Shaugnessy	61	27-8-37
Thomas, David R.	Edmonton	73	3-9-38
Tyrer, Harold	Lethbridge	87	12-8-39
Trevethin, Mark	Wayne	3	3-8-40
Thompson, Joseph	Carbon	91	9-1-40
Tiberg, A. J.	Blairmore	34	20-7-43
Thomas, Wm. J.	Luscar	51	24-7-44
Tonge, Reginald	Blairmore	54	5-10-44
*Unsworth, Robert	Hanna	36	30-8-16
Uitley F. W.	Bellevue	108	16-7-19
Villard, Henry	Wabamun	181	11-8-24
Vivuyurka, John	Mercoal	21	28-9-32
Williams, Thomas H.	Vancouver, B.C.	8	20-7-00
Waite, Archibald	Taber	10	26-4-04
*Weatherby, Cory	Hillcrest	11	6-11-02
Wilson, William G.	Tacoma, Wash.	3	20-12-05
Whitelaw, Thomas	Lethbridge	25	24-2-08
Watters, John	Banff	22	18-1-08
Watkins, W. E.	Champion	20	18-1-08
*Watson, William	Big Valley	13	26-12-07
*Wright, J. S.	Canmore	38	27-11-09
Winter Archibald	Edmonton	63	16-1-11
Watters, A. G.	Pocahontas	95	1-11-12
*Welch, James D.	Taber	113	20-11-12
Williams, John J.	Edmonton	11	18-9-14

List of Names of Holders of Second Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Worthington, Thomas	Lethbridge	69	9- 7-18
Worthington, W. T.	Edmonton	92	3- 7-19
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Edmonton	134	26- 7-20
Willets, Frederick	Hillcrest	148	1- 8-21
Wilson, Robinson	Drumheller	151	1- 8-21
Williams, Arthur E.	Saunders	162	1- 8-22
Williamson, David S.	Camrose	199	5- 8-27
Westcott, Henry M.	Wayne	201	10- 9-27
Whitehead, J. W.	Blairmore	216	5- 9-29
Wheatley, F. M.	Banff	3	26- 7-31
Wiltse, Donald H.	Edmonton	5	26- 7-31
Womersley, Alfred	Blairmore	25	29- 7-33
Webster James S.	Shaughnessy	88	17- 8-39
Welsh Edwin L.	Lethbridge	10	12- 7-41
Yard, George C.	Nordegg	150	1- 8-21
Young, D. B.	Bellevue	186	24- 7-25
Young, Charles	Bellevue	23	22- 7-42
Young, John	Drumheller	52	26- 7-44

*Deceased.

List of Names of Holders of Third Class Certificates

*Anderson J.	Frank	13	
*Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis	Drumheller	32	30- 5-07
Ashurst, W.	Coleman	82	26- 8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David	Bickerdike	222	25-11-12
Allan, Alexander M.	Hosmer, B.C.	247	31- 7-13
Adams, Thomas H.	Beverly	16	10- 3-14
Anderson, Andrew	Bellevue	39	17- 6-14
Atherton, Edward	Sheerness	40	14- 7-14
Appleton, John T.	Mountain Park	76	19- 4-15
Ashton, William	Hinton	90	27- 8-15
Anderson Hugh W.	Edmonton	150	7- 7-17
Ashman, Alfred	East Coulee	151	7- 7-17
Armstrong, John	Castor	171	17- 7-17
Armstrong, Peter M.	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
*Anderson, Peter B.	Mountain Park	264	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio	British Columbia	478	1- 8-22
Astley, David	Luscar	483	1- 8-22
Anderson, Robert	Drumheller	638	17- 8-26
Anderson, Gunner W.	Evansburg	650	1- 8-27
Aitken, William	Mountain Park	668	24- 3-28
Allanby, Chas. H.	Foothills	679	19- 7-28
Armstrong, Alex.	Drumheller	697	16- 8-28
Armstrong, John	Castor	719	7- 6-29
Allen, Thos. G.	Blairmore	765	4- 6-30
Alexander, Wm.	Bellevue	8	26- 7-31
Annon Joseph L.	Winnifred	65	25- 6-32
Ashmore, Jas. Jr.	Champion	108	15- 6-33
Appleby, Wm. S.	Canmore	117	6- 7-23
Adamson, Robert	Huxley	157	12- 6-34
Augustin, Ernest C.	Grande Prairie	164	19- 6-34
Aitchison, Peter	Lethbridge	230	22- 6-36
Adamson, Alexander	Perbeck	231	22- 6-36
Atkinson, Chas. W.	Drumheller	249	3- 6-37
Anderson, Robert	Drumheller	258	23- 6-37
Anderson, Arne	Elnora	313	4- 7-38
Allen, Walter F.	Wayne	315	4- 7-38
Allan, William H.	Drumheller	347	8- 6-39
Andrew, Alfred	Edmonton	355	8- 6-39
Aschacker, Martin	Blairmore	1	3- 8-40
Allen, William H.	Drumheller(duplicate)	409	14- 9-40
Ainsworth, John H.	Halkirk	29	25- 7-41
Anderson, Robert	Drumheller	37	20- 4-42
Annon, Joseph L.	Bow Island (duplicate)	69	3-11-43
Aitken, James R. S.	Nordegg	98	9- 8-44
Bastian T. W.	Clover Bar	30	5-12-04
Barber, J.	Bankhead	7	3- 1-07
Bansemmer, R.	Bankhead	14	3- 1-07
Blake, P.	Lundbreck	23	14- 5-07
Brown, T.	Edmonton	24	14- 5-07
*Brownrigg, John H.	Frank	35	26-12-07
Burrows, C.	Frank	40	18- 1-08

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Boulton, W. E.	Drumheller	48	29- 5-08
*Brovey, A. C.	Edmonton	64	1- 2-09
Besso, A.	Canmore	80	26- 7-09
Barnes, B. J.	Coal Creek, B.C.	92	29-11-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Bellevue	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan J.	Coleman	163	17-11-11
Berford Edward	Elcan	196	13- 7-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B.C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	20-12-13
Byron, John	Coalhurst	11	10- 3-14
Brearley, Garnet	Turin	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Brown, John F.	Pocahontas	29	21- 4-14
Barclay, W. G.	Pocahontas	30	23- 4-14
Byers, John W.	Taber	48	25-11-14
Billington, Edward E.	England	73	25- 2-15
Booth, George	Beverly	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Drumheller	153	7- 7-17
Beveridge, Andrew	Lucky Strike	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobrovicki, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18
Brooks, Claude E.	Drumheller	220	8- 6-18
*Blusson Joseph T. C.	Champion	253	26- 6-19
Briggs, Alfred J.	Carbon	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B.C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B.C.	292	20-11-19
Bland, H. A.	Taber	296	3- 2-20
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, Andrew	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20
Bird, Richard	Nordegg	357	26- 7-20
Barringham, F. J.	Rosedale	362	26- 7-20
Baxter Robert	Canmore	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21
Battee, Noyes S.	Drumheller	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21
Barrie, James	Commerce	401	1- 8-21
Briggs, William A.	Carbon	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B.C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Edmonton	499	1-11-22
Brown, Austin L.	Edmonton	510	30- 5-23
*Barnes, John W.	Coleman	512	30- 6-23
Boscariol, J.	Mountain Park	521	17- 8-23
Brewer, Thomas W.	Drumheller	529	17- 8-23
Bonner, Fred	Evansburg	542	1- 9-23
Barrowman, Alexander	Nordegg	548	15- 9-23
Burton, William H.	Entwistle	553	1-11-23
Brown, Clarence H.	Drumheller	554	15-11-23
Boutry, A.	Bellevue	557	4-12-23
Burnham, George	Fallis	560	18-12-23
Brown, Richard G.	Cadomin	589	20- 7-25

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Burrell John	Coleman	607	25- 7-25
Burrows, James G.	Bellevue	617	14-10-25
Balkwill, Frederick W.	Hillcrest	631	30- 7-26
Booth, Harry	Beverly	654	12- 8-27
Burton, James	Robb	670	19- 7-28
Brown, William	Canmore	676	19- 7-28
Bradshaw, James	Scapa	690	16- 8-28
Bailey, Leonard H.	Coalhurst	699	16- 8-28
Broderick, Frederick	Drumheller	702	24-10-28
Bevan, Walter	Canmore	721	7- 6-29
Boughton, C. A.	Rosedale	755	12-11-29
Boseley, Joseph H.	Bellevue	780	10- 6-30
Barber, William J.	Drumheller	781	10- 6-30
Blas, Victor	Blairmore	787	14- 6-30
Burrell, Archie K.	Drumheller	793	3- 7-30
Bell, William	Canmore	798	8- 8-30
Birrell, William	Robb	1	29- 1-31
Barrass, Thomas	Wayne	40	27- 7-31
Baker R. D.	Luscar	41	27- 7-31
Barons, James	Drumheller	48	3- 8-31
Brown, Frederick	Edmonton	58	2- 6-32
Blades, James	Delburne	62	25- 6-32
Bonetti, D.	Champion	73	25- 6-32
Barclay, Daniel	Sundre	89	23- 9-32
Blas, Emil	Blairmore	91	22-10-32
Booth, Joseph	Drumheller	98	10- 6-33
Bradley, James	Foreman	103	10- 6-33
Bond, Bertram	Coleman	106	15- 6-33
Beveridge, John S.	Midlandvale	122	29- 7-33
Brown, J. D. B.	Mountain Park	129	26- 8-33
Blackett, W. N.	Drumheller	131	15-10-33
Budda, Joseph J.	Bellevue	145	5- 6-34
Bordula, Andrew J.	Hanna	160	16- 6-34
Baroni, Alfred	Edmonton	166	27- 6-34
Bignell, Emford L.	Gadsby	170	26- 7-34
Black, Andrew Jr.	Rosedale Station	184	17- 1-35
Brown John	Canmore	185	20- 2-35
Bridarolli, G.	Magrath	203	8- 7-35
Bragdich, George	Thelma	207	24- 7-35
Bradshaw, Richard	East Coulee	209	26- 7-35
Broderick, Gideon	Canmore	221	10- 3-36
Budesheim, August E.	Dimsdale	238	20- 8-36
Batchelor, Frank	Lethbridge	275	10- 9-37
Barnes, George S.	Mountain Park	290	8- 6-38
Bulat, John	Edmonton	291	8- 6-38
Briers, Leonard	Red Deer	317	8- 7-38
Boyчук, Michael T.	Shaughnessy	324	12- 8-38
Barclay, Peter	Foothills	332	7- 9-38
Blum, Leo	Lymburn	336	19- 9-38
Bryant, E. A.	Wabamun	337	1-10-38
Briggs, Wm. A. Jr.	Drumheller	346	8- 6-39
Bachynski, John	Newcastle	348	8- 6-39
Blake, Robert	Bellevue	391	22- 8-39
Blake, Raymond	Bellevue	408	29- 2-40
Batty, George	Nordegg	3	3- 8-40
Brinkman, Alfred T.	Craigmyle	16	13- 1-41
Bianchini, Armand	Hillcrest	59	20- 7-43
Beveridge, James	Nordegg	65	30- 7-43
Barton, John S.	Nordegg	68	25-10-43
Blasetti, Angelo	Nordegg	85	17- 7-44
Baich, Victor	Luscar	89	18- 7-44
Cowan, W.	Bankhead	4	15-11-98
Chestnut, C.	Blairmore	28	26- 4-04
Churchill, J.	Frank	45	18- 4-05
Cawthorne, L.	Frank	46	18- 4-05
Chestnut, C.	Blairmore (duplicate)	28	6- 7-05
Catchpole, C.	Three Hills	2	30- 5-06
Cooke, J.	Bankhead	4	30- 5-06
*Clark, J. C.	Blairmore	33	18- 7-07
Clyne, James	Edmonton	65	1- 2-09
Cole, J. J.	Canmore	66	1- 2-09
Campbell, Kenneth S.	Edmonton	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Coalhurst	120	21- 6-10
Crockett Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Combs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Cox, John	Toronto	193	13- 7-12
Crawford, John	Edmonton	197	13- 7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Drumheller	218	11-11-12

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, S. A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15
Coxon, Thomas	Nacmine	89	27- 8-15
Convery, Dennis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Cartwright, Chas. E.	Blairmore	198	4- 4-18
Cousens, Gilbert W.	Bellevue	199	4- 4-18
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher	Drumheller	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovett	246	25- 6-19
Campbell, Thomas	Alexo	247	25- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Cadomin	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
*Congalton, Clem S.	Vancouver, B.C.	315	26- 7-20
Cameron, Donald	Coalspur	331	26- 7-20
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue (duplicate)	365	26- 7-20
Candlish, W. S.	Brule	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Bellevue	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Clelland, Thomas	Edmonton	574	24- 7-24
Crichton, Robert	Hillcrest	516	17- 8-23
Carty, Patrick	Evansburg	595	20- 7-25
Canet, Camille A.	Blairmore	601	25- 7-25
Crawford, Robert	Lethbridge	619	21-10-25
Chavignaud, Louis G.	Hinton	626	26- 7-26
Crawford, Charles	Edmonton	647	1- 8-27
Conlin, Richard	Drumheller	656	14- 8-27
Crawford, James	Clover Bar	662	10- 9-27
Cumberland, James	Drumheller	672	19- 7-28
Cartledge, George F.	Aerial	673	19- 7-28
Carmichael, Malcolm	Canmore	684	1- 8-28
Colbourne, J. H.	Drumheller	710	1- 5-29
Currie, Robert	Canmore	715	7- 6-29
Christie, Joseph	Bellevue	731	17- 6-29
Clack, Robert W.	Drumheller	740	17- 6-29
Castella, Jens	Standard	743	5- 7-29
Clancy, James	Craigsmyle	28	3- 8-31
Chisholm, John A.	Luscar	37	22- 8-31
Clyne, James M. Jr.	Edmonton	45	26- 8-31
Challenger, Edward J.	Magrath	86	24- 8-32
Cowan, Robert	Drumheller	92	22-10-32
Campbell, James	Cluny	107	15- 6-33
Crozier, John E.	Drumheller	128	26- 8-33
Comin, Silvio	Bellevue	148	5- 6-34
Calderbank, J. S.	Scapa	155	12- 6-34
Chamberlain, William H.	Coleman	162	19- 6-34
Craig, Andrew	Coalhurst	169	26- 7-34
Courtorelle, Alan F.	Drumheller	171	13- 8-34
Chiswick, James	Gadsby	175	27- 8-34
Clozza, Angelo	Newcastle	193	10- 6-35
Chemotti, Guiseppe	Lethbridge	239	25- 8-36
Chapman, John W.	Mountain Park	245	31- 5-37
Crawford, Hugh	Lethbridge	266	13- 7-37
Camarta, John	Bittern Lake	287	8- 6-38
Cumberland, Granger	Drumheller	289	8- 6-38
Campbell, Harry B.	Forestburg	303	22- 6-38
Colonel, Daniel	Edberg	318	14- 7-38
Crawford, John S.	Alix	333	7- 9-38
Curry, John	Hillcrest	368	22- 6-39
Cherrille, Orlando	Edmonton	371	22- 6-39
Campkin, Robert	Lousana	384	20- 7-39
Cooke, Chas. R.	Willow Creek	395	10- 9-39
Craig, Robert T. S.	Nordegg	4	3- 8-40
Chalmers, Robert	Edmonton	15	26-11-40
Chesney, Samuel	Cadomin	43	17- 7-42
Celli, Jerry J.	Coleman	46	18- 7-42
Carr, John R.	Cadomin	62	20- 7-43

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Crawford, John C.	Bellevue	84	17- 7-44
Cowley, Robert	Saunders	86	17- 7-44
Cordel, Emile G.	Halkirk	91	18- 7-44
Carmichael, Maurice	Forestburg	94	18- 7-44
*Davies, W. J.	Edmonton	16	25-11-03
*Downs, T.	Canmore	24	25-11-03
Duggan, R. G.	Taber	27	26- 4-04
Davies, T.	Frank	49	18- 4-05
Downs, T.	Canmore (duplicate)	6	6-10-06
Dickson, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Calgary	109	2- 6-10
Davidson, David	Coleman	170	17-11-11
Doodson, Robert	Coal Creek, B.C.	177	17-11-11
Duthie Alexander F.	Pocahontas	184	28-11-11
*Digman, John H.	Royal View	198	13- 7-12
Duncan, Ninian S.	Dodds	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Dennis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	British Columbia	6	1-12-13
Devoy, William	Hardieville	9	6- 3-14
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Davies, J.	Drumheller	222	8- 6-18
Dawes, Edmund	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Edmonton	347	26- 7-20
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21
Davey, George	Wayne	418	1- 8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B.C.	492	1- 9-22
Dudley, John T.	Hillcrest	493	1- 9-22
Davidson, Albert M.	Dodds	517	17- 8-23
Desson, Horace E.	Rosedale	526	17- 8-23
Driscoll, L.	Evansburg	560	24- 7-24
Dawson, Glen	Brule	573	24- 7-24
Dunbar, Edgar J.	Canmore	575	1- 8-24
Dunn, Charles F.	Drumheller	604	25- 7-25
Dupen, Albert E.	Lethbridge	616	14- 8-25
Davis, Fred M.	Jeffrey	619	28- 9-25
Dutton, Joseph A.	Mountain Park	623	26- 7-26
Donnachie, John	Brule	630	26- 7-26
Dixon, John O.	High River	698	16- 8-28
Davis, D. B.	Midlandvale	730	10- 6-29
Davies, James	East Coulee	784	10- 6-30
Dutka, Joseph	Canmore	794	3- 7-30
Dalziel, William	Clover Bar	14	26- 7-31
Davies, W. E.	Hillcrest	16	26- 7-31
Denholm, James	Mercoal	17	26- 7-31
Davidson, Robert M.	Coleman	33	26- 7-31
Davies, Richard	Luscar	42	26- 7-31
Dinsdale, Wm.	East Coulee	61	2- 6-32
Donaldson, Thomas	Shaughnessy	64	25- 6-32
Davies, E. M.	Wayne	95	25- 5-33
Davies, G. C.	Lundbreck	114	3- 7-33
Dutton, Alfred	Mountain Park	121	29- 7-33
Dixon, W. B.	High River	179	10- 9-34
Darbyshire, Harry	Drumheller	183	18-12-34
Droppo, Wm.	Midlandvale	208	26- 7-35
Douglas, Peter S. Jr.	Cadomin	233	22- 6-36
Dunbar, Robert	Hinton Trail	272	16- 8-37
Duquesne, George G.	Champion	306	22- 6-38
Dunn, Robert A.	Willow Creek	322	8- 8-38
Davies, Ernest	Big Prairie	326	26- 8-38
Dolanz, Iggie	Three Hills	361	22- 6-39
Dobson, Roy C.	Lethbridge	2	3- 8-40
Damico, Zupito	Nordegg	8	3- 8-40
Duncan, David R.	Alexo	24	15- 7-41
Driega, William	Cadomin	61	20- 7-43
*Eccleston, W.	Michel, B.C.	20	3- 1-07
Evans, H.	Taber	94	3- 1-07
Evans, D.	Frank	83	3- 9-09
Evans, Hugh	Lethbridge	156	12- 7-11
Embree, Merton B.	Evansburg	239	31- 7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7- 7-17
Excoffon, Eugene	Bellevue	155	7- 7-17

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Eno, John W.	Drumheller	223	8- 6-18
Eccleston, Richard	Bellevue	243	26- 6-19
Evans, Thomas O.	R.R. 2 Millet	244	26- 6-19
Evans, Gwilym	Blairmore	308	26- 7-20
Evans, Charles	Hillcrest	327	26- 7-20
Eccleston, J. W.	Mountain Park	330	26- 7-20
Evans, William	Drumheller	360	26- 7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1- 8-21
Entwistle, Albert V.	Kipp	471	31- 7-22
Eccleston, Thomas	Mountain Park	475	31- 7-22
Eckert, William	Sedalia	539	17- 8-23
Elkes, F. W.	Newcastle	724	7- 6-29
Evans, H.	Mountain Park	750	5- 9-29
Edwards, John	Cadomin	32	26- 7-31
Evans, David E.	Luscar	46	26- 7-31
Ewing, Fred	Donalda	97	10- 6-33
Edwards, O. E.	Cadomin	115	3- 7-33
Evans, I. L.	Blairmore	196	18- 6-35
Emblau, Archie A.	Mountain Park	268	13- 7-37
Elliott, James	Drumheller	277	26-10-37
Evans, Evan	Taber	362	22- 6-39
Emmerson, Chas. A.	Bellevue	5	3- 8-40
Eskeland, Arthur	Champion	21	12- 7-41
Ellison, Fred	Drumheller	75	14- 7-44
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Edmonton	4	20-12-05
Fraser, J.	Coleman	8	3- 1-07
Fowers, C. W.	Canmore	50	29- 5-08
Fox, A.	Carbon	55	8- 1-09
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Robb	31	28- 4-14
Ferguson, John	Commerce	34	23- 5-14
Fyfe, Walter H.	Nelson, B.C.	79	19- 8-15
Fishwick, Thomas	Stettler	98	12-10-15
Foster, James	Lethbridge	174	17- 7-17
Fisher, William J.	Bellevue	186	17- 7-17
Fisher, James	Bellvue	194	3- 4-18
Fisher, Ernest	Bellevue	256	26- 6-19
Fraser, Alec	Carmanagay	274	26- 6-19
Fraser, James	Carbon (duplicate)	286	25- 8-19
France, Harry	Calgary	288	8-10-19
Flynn, Thomas E.	Coleman	306	26- 7-20
Ford, George C.	Drumheller	310	26- 7-20
Fudge, George H.	Foothills	311	26- 7-20
Fisher, Harry	Hillcrest	338	26- 7-20
Fourneau, Jean F.	Bellevue	396	1- 8-21
Ferryman, Henry	Corbin, B.C.	447	16- 6-22
Foster, Richard	Edmonton	502	29-12-22
Fleming, Nelson	Coleman	550	1-11-22
Fulton, James	Champion	652	12- 8-27
Fry, N.	Donalda	752	5- 9-29
Fox, A. A.	Canmore	808	29-10-30
Finkbner, Henry	Scapa	30	26- 7-31
Foster, Cyril E.	Rocky Mountain House	60	2- 6-32
Fridel, Stephen	Barrhead	63	25- 6-32
Foye, Edward B.	Delia	93	1-11-32
Forshaw, Richard	East Coulee	138	26- 1-34
Fisher, Samuel	Drumheller	139	26- 1-34
Fawcett, Elmer S.	Cardiff	150	9- 6-34
Farmer, James	Drumheller	176	27- 8-34
Farmer, Eli	Drumheller	189	10- 6-35
Fisher, John M.	Chin	190	10- 6-35
Fregren, Eric	Mercoal	280	11- 2-38
Fox, Benjamin	Carbon	297	11- 6-38
Folden, Irvine A.	East Coulee	323	9- 8-38
Fox, Alfred Jr.	Carbon	334	19- 9-38
Fraser, Wm. B. Jr.	Coleman	350	8- 6-39
Farnworth, George	Nordegg	30	25- 7-41
Fraser, James B.	Coleman	32	25- 7-41
Forsyth, John	Lethbridge	54	1- 7-43
Fontana, B. J.	Coleman	57	20- 7-43
Farmer, John T.	Drinnan	80	17- 7-44
Giffen, H. R.	Coalfields	19	26- 4-04
*Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04
Griffiths, T. J.	Lille	77	18- 6-09
Gatiss, R.	Long Coulee	85	25-11-09
Gladwin, J.	Edmonton	97	20-12-09
Gillespie, John M.	Coleman	111	2- 6-10
Gilliland, William	Cardiff	123	8-11-10
Gwilliam, David J. M.	Namao	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B.C.	180	23-11-11
Gorton, James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Three Hills	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
*Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gammie, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Drumheller	248	26- 6-19
Green, Henry V.	Halkirk (duplicate)	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson, Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Bragg Creek	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22
Gavelin, Fred	Blairmore	519	17- 8-23
Gibson, Joseph C.	Cardston	587	24- 1-25
Gilmour, John	Cadomin	605	25- 7-25
Gordon, David L.	Drumheller	636	6- 8-26
Gibson, Thomas P.	Midlandvale	663	16- 9-27
Gallagher, John	Rosedale Station	760	4- 6-30
Goodwin, William	Bellevue	766	4- 6-30
Green, William	Luscar	775	10- 6-30
Guisto, G.	Beazer	6	13- 7-31
*Graham, William	Coleman	19	26- 7-31
Gotheridge, W. V.	Round Hill	26	26- 7-31
Goodwin, Albert E.	Bellevue	43	26- 7-31
Gibson, James	Willow Creek	75	25- 6-32
Guiney, C. John	Rosebud	79	25- 6-32
Galenza, P. L.	Leduc	113	3- 7-33
Gardner, H. H.	Coleman	135	31-10-33
*Grenda, Stanley	Turin	198	28- 6-35
*Graver, G.	East Coulee	201	4- 7-35
Garner, E. Denison	Canmore	222	3- 6-36
Gibney, Frank	Grande Prairie	260	23- 6-37
Greig, Norman	Dinant	293	10- 6-38
Grant, Alexander	Hillcrest	298	13- 6-38
Groombridge, Thos.	Edberg	312	4- 7-38
Green, Walter	East Coulee	328	29- 8-38
Green, Wm. J.	Dinant	343	13- 2-39
Gill, Peter	Thorsby	352	8- 6-39
Griffiths, Ed.	Foothills	367	22- 6-39
Gotheridge, C. F.	Round Hill	370	22- 6-39
Grubisich, Walter	Hinton	375	4- 7-39
George, Pete	Three Hills	386	25- 7-39
Gladwin, Lewis C.	Carstairs	19	11- 7-41
Goods, Peter	Drumheller	39	17- 7-42
Gibson, George	Blairmore	67	9-10-43
Gerla, Bernard J.	Lethbridge	72	14- 7-44
Gosney, Fred	Cadomin	76	14- 7-44
Gresl, John	Bellevue	87	17- 7-44
Holmes, G. E.	Fernie, B.C.	15	1903
Hood, Andrew	Frank	20	21- 6-03
Hadfield, John	Canmore	23	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hannen, James	Canmore	1	30- 5-06
*Holden, James	Bankhead	13	3- 1-07
Hadfield, John	Coleman (duplicate)	21	4- 4-07
Humble, Stephen T.	Bellevue	29	23- 5-07
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Blairmore	60	22- 1-09
Henderson, W.	Calgary	61	26- 1-09
Harvie, John	Taber	68	1- 2-09
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
*Hulme, Chas.	Hillcrest	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Edmonton	135	30-12-10

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George	Champion	155	8- 7-11
Hughes, William R.	Barnwell	181	23-11-11
Hutton, George	Bellevue	186	2-12-11
Hutchinson, Peter	Ardley	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Drumheller	207	10- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Halliday, George W.	Nanaimo, B.C. (duplicate)	248	31- 7-13
Heathcote, Joseph	Edmonton	32	28- 4-14
Harrison, William	Cassidy, B.C.	41	27- 8-14
Hynd, William	Elcan	52	27-11-14
Hutton, Hugh	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Elcan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter, John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Champion	176	10- 7-17
Higgins, John	Bellevue	201	18- 4-18
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pocahontas	207	1- 6-18
Head James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	26- 6-19
*Hillary, John	Rosedale	258	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Lethbridge	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovett	332	26- 7-20
Hawkins, E. L.	Nordegg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hutchinson, George E.	Nordegg	404	1- 8-21
Hall, James	Brookdale	402	1- 8-21
Hetherington, R. Jr.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 2-21
Hall Ernest	Wayne	438	10-10-21
Horne, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Hooten Robert	Edmonton	505	15- 2-23
Hughes, Harry	Natal, B.C.	506	9- 3-23
Harris, Rupert S.	Edmonton	513	17- 8-23
Hawkins, Harold	Drumheller	541	1- 9-23
Hulme, James	Carbon	564	26- 2-24
Hart, Daniel	Wayne	566	26- 6-24
Hadfield, W. A.	Coleman	567	16- 7-24
Harries, John	Wayne	568	16- 7-24
Hughes, Angus	Coleman	572	24- 7-24
Horne, James	Cadomin	576	1- 8-24
Holliday, William	Drumheller	596	20- 7-25
Hagblad, Theodore	Lethbridge	602	25- 7-25
Hetherington, Joseph W.	Carbon	609	25- 7-25
Hronek, Ben	Halkirk	614	1- 8-25
Hibbert, William T.	Dinant	622	11- 5-26
Hansen Knud	Aerial	644	1- 8-27
Henderson, Andrew	Wayne	655	14- 8-27
Hamilton, John M.	Hanna	657	14- 8-27
Hillary, Michael	Midlandvale	665	26-10-27
*Horne, Thos. Jr.	Luscar	687	1- 8-28
Hart, James J.	Coleman	692	16- 8-28
Hall, Robert	Canmore	703	24-11-28
*Hadwell, A. J.	Bellevue	717	7- 6-29
Halbert, David	Trochu	723	7- 6-29
Hillary, H.	Bellevue	736	17- 6-29
Hulbert, H. A.	Coleman	747	23- 7-29
Hutton Walter C.	Coalhurst	756	18- 2-30
Hopkins, Arthur J.	Foothills	761	4- 6-30
Heyworth, E. S.	Beverly	763	4- 6-30
Hunter, Thomas	Edmonton	805	22-10-30
Hooks, Albert	Drumheller	807	29-10-30
Harrop, Wm.	Robb	2	20- 1-31
Hogg, John	Foothills	22	13- 7-31
Hadwell, Thomas C.	Blairmore	27	26- 7-31
Howells, Edward W.	Mercoal	52	6- 1-32
Halbert, Robert	Trochu	71	25- 6-32
Hook, Alfred J.	Halkirk	78	25- 7-32
Holton, Joseph	Magrath	140	5- 4-34

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Hill, Ernest	Coleman	144	5- 6-34
Halbert, Benjamin G.	Trochu	151	9- 6-34
Hanson, Andrew	Three Hills	187	10- 6-35
Halbert, Robert A.	Trochu	217	23- 9-35
Hilbert, Waddington	Mercoal	240	13-10-36
Holliday, Thomas	Drumheller	247	1- 6-37
Hanna, Thomas	Mercoal	269	21- 7-37
Horz, E. Louis C. J.	Evansburg	308	22- 6-38
Hamilton, Duncan C.	Drumheller	320	28- 7-38
Henry, Wm. B.	Newcastle	339	9-11-38
Hetherington, W. B.	Calgary	340	9-11-38
Honeyman, Maurice R.	Robb	369	22- 6-39
Heidel, Herbert G.	Priddis	401	12-10-39
Horkulak, Andrew	Thorsby	25	15- 7-41
Hawells, David T.	Lethbridge	27	15- 7-41
Hibbert, George	Three Hills	28	15- 7-41
Harris, Edward V.	Rosedale	52	29- 7-42
Henderson, Austin J.	Luscar	79	17- 7-44
Ironmonger, John	Hillcrest	145	3- 7-11
Instone, Henry	Hillcrest	197	3- 4-18
Ironmonger, William	Hillcrest	487	1- 8-22
Ivan Mike	East Coulee	199	28- 6-35
Inverarity, William	Rosebud	382	4- 7-39
Jones, Evan	Coalfields	12	26- 4-04
James, Joseph	Frank	25	26- 4-04
Jones, Samuel A.	Nanaimo, B.C.	17	26- 4-04
Jones, Erskine	Coalfields	47	18- 4-05
James, Henry	British Columbia	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12
Jordan, William	East Coulee	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
*James, William	Pocahontas	234	31- 7-13
Jackson, John	Bellevue	246	31- 7-13
James, John	Cadomin	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel H.	Lovett	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordeg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Willow Creek	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22
Jones, Daniel	Edmonton	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Jones, Arthur	Coleman	547	15- 8-23
Johnson, Chris	Carbon	561	28-12-23
Jones, David I.	Wayne	578	11- 8-24
*Jones, I.	Edmonton	589	3- 3-25
Jones, Elias	Coleman	680	1- 8-25
Johnson, Thomas	Drumheller	696	16- 8-28
Jubb, J. W.	Drumheller	708	1- 5-29
Jones, Jenkin	Luscar	771	4- 6-30
James, Isaiah	Rumsey	801	18-10-30
Johnson, Moses F.	Alix	804	18-10-30
James, Albert J.	Forestburg	25	26- 7-31
Jones, Douglas W.	Pincher Creek	49	27- 9-31
Johnson, Alexander J.	Ardley	68	25- 6-32
Jones, Wm. J.	Rosalind	74	25- 6-32
Jones, W. J.	Newcastle	100	10- 6-33
Jones, E. W.	Drumheller	127	22- 8-33
Jones, David	Wayne	133	25- 9-33
James, Hiram	Heisler	158	16- 6-34
James, Alfred	Drumheller	182	12-10-34
Johnson, Martin R.	Rumsey	234	22- 6-36
Jones, Wyndham	Coleman	246	1- 6-37
James, Joseph	Cadomin	248	3- 6-37
Jones, J. R. B.	Hinton	301	22- 6-38
James, John C.	Mountain Park	7	3- 8-40
James, William	Mountain Park	14	6-11-40
Jackson, Harold W.	Forestburg	51	26- 7-42
Jones, William	Rosedale	74	14- 7-44
Kerr, W. R.	Coleman	89	29-11-09
*Kirkeberg, Henry S.	Michel, B.C.	87	27-11-09
Kerr, Robert T.	Passburg	75	17- 6-09
Kerr, Robert	Lundbreck	76	17- 6-09
Kaye, Herschal	Maycroft	191	4- 1-12
Kemp, David	Beaver Mines	201	22- 7-12

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Keynon, William	Mountain Park	44	28- 9-14
Knox, Joseph	Hardieville	119	10- 7-16
Kelly, Patrick	Edmonton	147	7- 7-17
Kerrison, Thomas W.	Magrath	163	10- 7-17
Koentges, John	Blairmore	182	25- 7-17
Kyle, Daniel C.	Hillcrest	185	25- 7-17
Klejko, Stephen	Coleman	213	1- 6-18
King, John J. J.	Nordegg	221	8- 6-18
Kirkham, Thomas	Sheerness	284	26- 6-19
Kehl, Isodore	Big Valley	359	26- 7-20
Krause, Herman F.	Lethbridge	407	1- 8-21
Kay, Arthur	Coleman	501	1-11-22
Klatt, Rudolph E.	Evansburg	544	1- 9-23
Knudson, Arthur	Canmore	586	4-12-24
Kendrick Samuel O.	Edmonton	597	20- 7-25
Kennedy, William	Mountain Park	606	25- 7-25
Kergan, Robert G.	Lethbridge	610	25- 7-25
Krupper, A.	Drumheller	711	7- 6-29
King, Joseph	Coalhurst	726	7- 6-29
Kay, Walter S.	Drumheller	754	12-11-29
Kerr, Robert G.	Blairmore	764	4- 6-30
Koentges, Joseph	Bellevue	770	4- 6-30
Kowal, Alex.	Canmore	790	14- 6-30
Kennedy, Joseph	Willow Creek	799	10- 9-30
Kiernan, Patrick	Robb	3	20- 2-31
Kay, Willim	Drumheller	53	26- 2-32
Kirkeby, B. A.	Craigmyle	101	10- 6-33
Keough, Frank J.	Drumheller	134	30- 9-33
Kurp, Benjamin C.	Alix	143	5- 6-34
Kurp, Thomas J.	Delburne	172	13- 8-34
Krossa, O.	Shaughnessy	181	9-10-34
Keith, Albert	East Coulee	250	11- 6-37
Keith, Roy	Willow Creek	254	11- 6-37
Knight, William	Carbondale	261	23- 6-37
Kummer, William	High River	265	23- 6-37
Kane, Frank	Hinton	344	3- 4-39
Koshman, Alexander T.	Shaughnessy	372	22- 6-39
Kozmeniuk, Steve	East Coulee	378	4- 7-39
Kryskow, Michael	Carbondale	20	12- 7-41
Kubin, John J.	Coleman	42	17- 7-42
Kinnear, John A.	Coleman	64	22- 7-43
Kusnir, John	Cambria	81	17- 7-44
Kormendy, Alex	Rosedale	99	18- 8-44
Kormendy, Joe	Rosedale	103	25-10-44
*Livingstone, Robert	Lethbridge	7	21-11-98
*Livingstone, Jas. C.	Lethbridge	18	26- 4-04
Learmonth, A. J.	Redcliff	42	23- 1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4- 7-11
Leblanc, Emile	Wayne	153	8- 7-11
Littler, Robert	Michel, B.C.	166	17-11-11
Loxton, George	Fernie, B.C.	176	17-11-11
Littler, John	Michel, B.C.	190	30-12-11
Littler, Matthew	Michel, B.C.	226	7-12-12
Laight, Jonas	Medicine Hat	233	3- 5-13
*Ludbrook Ellis E.	Bickerdike	237	31- 7-13
Lynch, Stewart	Canmore	26	15- 4-14
Loxton, John	Fernie, B.C.	51	27-11-14
Letcher, Joseph H.	Lovett	100	12-10-15
Lamond, David	Evansburg	109	10- 7-16
Loftus, Edward	Drumheller	111	10- 7-16
Lewis, Thomas	Hardieville	131	26- 7-16
Longworth, Thomas	Calgary	146	5- 7-17
Logan, John T.	Drumheller	190	6- 9-17
*Lote, Francis	Hillcrest	195	3- 4-18
Lohmaier, Peter	Sheerness	238	15- 7-18
Lee, Walter J.	Nordegg	269	26- 6-19
Lindsay, John	Coalhurst	272	26- 6-19
Lindsay, James	Coalhurst	273	26- 6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20
Leonard, Philip	Nordegg	479	1- 8-22
Lytkowski, William P.	Canmore	503	30-12-22
Lecuyer, Glenn	Midlandvale	562	31-12-23
Lewis, John W.	Mountain Park	580	25- 9-24
Lavis, George	East Coulee	585	14-11-24
Longworth, John	Bellevue	634	30- 7-26
Lowry, William J.	Drumheller	641	22- 9-26
Leitch, Thomas	Drumheller	660	1- 9-27
Lazzarotto, Peter	Picture Butte	682	1- 8-28
Lammie, Robert	Beverly	694	16- 8-28
Lehmann, Max	Wayne	742	5- 7-29
Lund Fred	Blairmore	767	4- 6-30
Laing, W. R.	Cadomin	774	10- 6-30

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Letcher, R. C.	Hillcrest	795	12- 7-30
Leivers, Albert	Wayne	12	13- 7-31
Low, James A.	Coleman	147	5- 6-34
Loten, Henry V.	Newcastle	186	20- 2-35
Lonsbury, W. P.	Coleman	191	10- 6-35
Lloyd, James H.	Blairmore	192	10- 6-35
Lewis, Fred	Mountain Park	227	22- 6-36
Lister, Arthur L.	Cadomin	232	22- 6-36
Lynass, John	Delburne	267	13- 7-37
Louhella, Sula A.	Canmore	295	10- 6-38
Lynass, James C.	Delburne	310	22- 6-38
Lesson, Steve	Bellevue	354	8- 6-39
Loula, William	Bellevue	374	22- 6-39
Luini, Louis	Hillcrest	376	4- 7-39
Leckie, Samuel	Rosedale Station	407	26- 1-40
Larson, Tony	Edberg	33	25- 7-41
Lidgett Joseph L.	Mercoal	60	20- 7-43
Lcvesque, C.	Aerial	82	17- 7-44
Le Gear, Max	Forestburg	100	18- 8-44
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt	Frank	34	5-12-04
*Morris, David	Edmonton	45	24- 2-08
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thomas	Luscar	96	8-12-09
Morgan, Owen	Saunders	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Edmonton	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B.C.	172	17-11-11
Murray, John	Lille	174	17-11-11
Mason, Samuel	Taber	187	6-12-11
Morrison, Malcolm	Midlandvale	189	30-12-11
Melling, Peter	Coalhurst	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Mackin John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 4-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Edmonton	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Wayne	61	5-12-14
Morgan, William J.	Luscar	64	11-12-14
Martin, William H.	Brule	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
*Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
*Martin, Richard	Taber	135	25- 9-16
Maddison, Wm.	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
*Morse A. T.	Morse	172	17- 7-17
Michayluck, John G.	Luscar	184	25- 7-17
Marsh, William	Drumheller	230	8- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19
Monkton, William	Rosedale	322	26- 7-20
Miller, Joseph Jr.	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Coalhurst	335	26- 7-20
Maddison, John	Hillcrest	354	26- 7-20
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Grande Prairie	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Luscar	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22
Mossey, Robert	Frank	507	17- 5-23
Macri, D.	Cadomin	518	17- 8-23
Martin, David	Blairmore	527	17- 8-23
Miller, William	Drumheller	535	17- 8-23
Marsh, Walter	Kellog, Idaho	538	17- 8-23
*Martin, Henry Sr.	Saunders	549	15- 9-23
Mitchell, Hugh J.	Foothills	569	24- 7-24
Muir, Alexander	Coleman	593	20- 7-25
Mackie, James	Big Valley	608	25- 7-25
Millar, David	Mercoal	627	26- 7-26
Mackie, William	Drumheller	645	1- 8-27
Metcalfe, Joseph W.	Drumheller	666	16- 1-28
Musgrove, Henry B.	Canmore	674	19- 7-28
Muncy, Howard C.	Foreman	693	16- 8-28

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Mayon, Daniel	Drumheller	707	20- 3-29
Millar, C. C.	Bellevue	714	7- 6-29
Morris, David	Bellevue	720	7- 6-29
Mossom, John	Drumheller	734	17- 6-29
Meek, Fred G.	Heisler	737	17- 6-29
Morris, Wm.	Edmonton	744	12- 7-29
Morris, Robert S.	Aerial	745	12- 7-29
Marsh, Wm. J.	Midlandvale	776	10- 6-30
May, John	Beverly	786	14- 6-30
Mathieson, David	Edmonton	789	14- 6-30
Muir, Thomas	Coalhurst	800	18-10-30
Morgan, Ernest	Blairmore	15	13- 7-31
Madsen, S.	Luscar	39	26- 7-31
Marsh, John	Coalhurst	51	6- 1-32
*Mitchell, Chas. G.	Pincher Creek	82	24- 8-32
Marsh, Walter	Coleman	84	24- 8-32
Mitchinson, Arthur	Donalda	88	23- 9-32
Molyneux, Thomas	Aerial	102	10- 6-33
Molzan, Henry	East Coulee	111	15- 6-33
Muir, James	Edmonton	137	28-12-33
Morse, William J.	Hanna	156	12- 6-34
Mitchell, William	Dimsdale	174	27- 8-34
Morel Marcel	Ghost Pine Creek	180	25- 9-34
Menzies, Wm.	Drumheller	212	10- 8-35
Miller, Douglas	Edmonton	236	4- 7-36
Marshall, Robert	Leduc	255	11- 6-37
Marshall, Chas. H.	Leduc	256	11- 6-37
Mitchell, Thomas	Coleman	257	23- 6-37
Muir, George	Edmonton	265	13- 7-37
Marsh, Walter W.	Delburne	279	12-11-37
Mills, Jonathan J.	Rosalind	283	22- 4-38
Miskow, Michael J.	Canmore	284	7- 6-38
Morkwia, Victor Jr.	Canmore	285	7- 6-38
Morris, Robert L.	Coleman	294	10- 6-38
Murphy, Peter J. Jr.	Drumheller	325	15- 8-28
Moran, James Jr.	Edmonton	342	10-12-38
Melson, Philip	East Coulee	359	8- 6-39
Marconi, John	Coleman	363	22- 6-39
Marshall, Albert C.	Delia	365	22- 6-39
Mitchell, David	Luscar	380	4- 7-39
Martin Bert W.	Alexo	385	25- 7-39
Madsen, Soren	Mountain Park	406	30-11-39
Mitchell, Robert A.	Luscar	10	4- 9-40
Mather, John H.	Namoo	13	29-10-40
Mitchinson, Thomas	Donalda	18	11- 7-41
Marconi, Gordon	Coleman	22	12- 7-41
Marasco, Frank	Nordegg	23	15- 7-41
Morrison, Neil	Mercoal	26	15- 7-41
Merrington, Robert H.	Ryley	31	25- 7-41
Mullinger, William H.	Three Hills	35	20- 8-41
Martin, William H.	Rosevear	53	4-12-42
Mather, Stanley	East Coulee	78	15- 7-44
Mitchell, J. M. P.	East Coulee	83	17- 7-44
McKay, John J.	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex.	Cardiff	41	16- 1-05
McCulloch, Alex.	Cadomin	43	18- 4-05
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Lovett	51	8- 6-08
McGarry, Martin	Michel, B.C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
*McDonald, Hector	Coleman	115	3- 6-10
McDonald, William C.	Lethbridge	122	16- 7-10
McDevitt, James J.	Cadomin	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod John A.	Cadomin	74	8- 3-15
McLellan, John A.	Mercoal	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Calgary	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Edmonton	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
McDonald, John H.	Nanaimo, B.C.	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McAndrew, Robert	Clover Bar (duplicate)	196	3- 4-18
McDonald, George	Drumheller	212	1- 6-18
MaKcay, William J. K.	Ontario	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B.C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordegg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21
McAskill, Alexander	Drumheller	380	1- 8-21
McGaw, A. M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21
McNab, Murdock	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
McGladne, Andrew	Lethbridge	423	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubbre, James	Drumheller	458	31- 7-22
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
McEachern, Malcolm	Wayne	531	17- 8-23
McLennan, George A.	Drumheller	534	17- 8-23
MacNeil, James	Cadomin	537	17- 8-23
McLeod, Allan	Rosedale	543	1- 9-23
McLafferty, P.	Bellevue	551	1-11-23
McLeod, John R.	Bellevue	591	27- 5-25
McAllister, David	Mountain Park	613	1- 8-25
McKinnon, Alexander	Coleman	632	30- 7-26
McCulloch, Johnston	Coleman	642	30- 7-26
McDonald, Thomas	Rosedale	653	12- 8-27
McFegan, Alex.	Drumheller	661	10- 9-27
*McCormack, A. D.	Castor	675	19- 7-28
Macaulay, John C.	Coalhurst	678	19- 7-28
MacDonald, Clyde P.	Bellevue	685	1- 8-28
McDonald, James W.	Mountain Park	709	1- 5-29
MacDonald, Leslie	Bellevue	713	7- 6-29
MacLeod, Lloyd	Coalhurst	725	7- 6-29
McAllister-Thompson, D. S. B.	Rosedale	735	17- 6-29
McNab, Duncan	Lethbridge	739	17- 6-29
McAndrew, John Jr.	Blairmore	769	4- 6-30
McDonald, William	Bellevue	777	10- 6-30
McCutcheon, Jas. A.	Midlandvale	803	18-10-30
McMurdo, Thomas	East Coulee	18	13- 7-31
McLeod, Arthur	Drumheller	50	22-10-31
McGowan, John	Drumheller	57	2- 6-32
McKinley, James	Huxley	72	25- 6-32
McColl, Alexander	Lethbridge	109	15- 6-33
McMillan, William	Rosebud	168	26- 7-34
McKinlay, James	Perbeck (duplicate)	224	3- 6-36
McDonald, Wm. I.	Drumheller	235	22- 6-36
MacDonald, George G.	Beverly	242	14- 1-37
McGregor, Alexander	Lethbridge	271	26- 7-37
MacKenzie, John	East Coulee	299	13- 6-38
McMullen, Sidney G.	Drumheller	311	22- 6-38
McIntyre, Arnold J.	Mercoal	331	7- 9-38
McLaren, Fred	Dinant	341	14-11-38
McCulloch, Archibald	Coleman	349	8- 6-39
MacQuarrie, Hector	Drinnan	364	22- 6-39
McLaughlin, Michael	Luscar	403	30-10-39
McMillan, Alexander	Rosebud	34	28- 7-41
McNeil, Thomas	Mountain Park	36	4- 3-42
McDonald, Kenneth L.	Bellevue	40	17- 7-42
McIsaac, John D.	Burmis	45	17- 7-42
McLafferty, Daniel	Bellevue	50	26- 7-42
McGladrie, Robert I.	Nevis	63	24- 7-43
McMillan, James	Mountain Park	66	11- 8-43
McGuckie, J. M.	Wayne	97	3- 8-44
McQueen, Alexander	Mercoal	101	5-10-44
Nelson, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
*Nicol, James	Frank	34	26-12-07
Nicol, George	Nacmine	27	21- 4-14
Nugent, Bernard	Camrose	133	30- 8-16
North, Walter	Blairmore	204	18- 4-18
Nelson, Walter W.	Coleman	462	31- 7-22
Nicholson, Peter	Cadomin	472	31- 7-22
Niskanen, Herman	Canmore	671	19- 7-28
Nisbet, George	Beverly	759	4- 6-30
Negrello, Mike	Coalhurst	7	13- 7-31
Naegeli, Otto	Midlandvale	54	26- 2-32
Novak, Mike	Milk River	56	4- 5-32

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Norman, John	Beverly	136	31-10-33
Nielsen, Nils P.	Carbondale	223	3- 6-36
Nelson, John B. H.	Dinant	335	19- 9-38
Nelson, John	Rosedale Station	356	8- 6-39
Niblett, Ronald J.	Rosedale	41	17- 7-42
Oliphant, J. H.	Carbon	26	17- 5-07
Oliphant, John	Medicine Hat	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Blairmore	104	16- 6-16
Oakley, John	Edmonton	115	10- 7-16
Oliver, B.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B.C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Oldham, Albert	Luscar	579	11- 8-24
Oliver, Edward	Taber	584	14-11-24
Ottewell, Cedric P.	Clover Bar	620	21-11-25
O'Neill, Michael	Nordegg	748	9- 8-29
Ordge, John	Donalda	80	25- 7-32
Owens, John	Midlandvale	177	4- 9-34
Oswald, Joseph	Drumheller	178	10- 9-34
O'Brien, Anthony	Gadsby	244	10- 3-37
Oxbury, John	Beynon	327	26- 8-38
Olesky, Samuel P.	Mountain Park	77	14- 7-44
Otrasek, Michael	Aerial	93	20- 7-44
*Phillips, Chas.	Frank	14	30-12-02
Prentice, John	Virginia, U.S.A.	67	1- 2-09
Powell, Albert E.	Lundbreck	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Cardiff	100	18- 1-10
Pickering, G.	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	26- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Lundbreck	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Robb	53	27-11-14
*Pavier, Evan	Coleman	91	27- 8-15
Price, Alfred	Montana, U.S.A.	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Padgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter, J. A.	Mountain Park	361	26- 7-20
Parkinson, Harry	Coleman	465	31- 7-22
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Patterson, William	Blairmore	515	17- 8-23
Parry, Robert	Coleman	546	15- 9-23
Poxon, Wilfred	Carbon	555	15-11-23
Peters, Frederick C.	Wayne	582	25- 9-24
Price, Richard	Hillcrest	590	21- 4-25
Pickard, Joseph	Edmonton	592	20- 7-25
Perry, James E.	Beynon	612	25- 7-25
Powell, John E.	Newcastle Mine P.O.	700	22- 8-28
Piper, John J.	Canmore	716	7- 6-29
Paton, George	Delburne	727	7- 6-29
Phillips, W. J.	Saunders	733	17- 6-29
Page, Joseph	Drumheller	741	19- 6-29
Peters, Wm. E.	Blairmore	762	4- 6-30
Park, Angus	Edmonton	773	4- 6-30
Patterson, S. E.	Blairmore	778	10- 6-30
Pascoe, Thomas	Mountain Park	796	14- 7-30
Potter, Harry	Drumheller	797	8- 8-30
Price, Stanley R.	Blairmore	9	13- 7-31
Pettigrew, Robert	Coleman	20	13- 7-31
Phillips, W. T.	Castor	99	10- 6-33
Popovich, Mike	Champion	112	3- 7-33
Pike, Sidney G.	Drumheller	119	24- 7-33
Phillips, Alfred J.	Coleman	146	5- 6-34
*Poholka, Steve	Edmonton	149	9- 6-34
Perini, John	Lethbridge	153	9- 6-34
Parker, Jack	Cardiff	165	27- 6-34
Potter, I. N.	Nacmine	167	26- 7-34

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Perini Angelo	Granlea	194	10- 6-35
Price, Wm. T.	Edmonton	195	14- 6-35
Peta, Julius	Hardieville	225	4- 6-36
Purdy, Denzil	Lundbreck	237	4- 7-36
Passoli, E. L.	Vulcan	314	4- 7-38
Parry, Joseph	Mercoal	316	8- 7-38
Parobchak, F.	Carbondale	353	8- 6-39
Plesuk, William	Beverly	357	8- 6-39
Price, John C.	Coleman	377	4- 7-39
Petit, Jules A.	Newcastle	71	14- 7-44
Petrosky, M. J.	Coleman	96	20- 7-44
Peta, Frank	Lethbridge	104	24-10-44
Quigley, Daniel H.	Drumheller	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12
Quin, James	East Coulee	66	25- 6-32
Rice, Awrey	Edmonton	48	18- 4-05
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	British Columbia	116	6- 6-10
Roberts E.	Rosedale	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Edmonton	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Cadomin	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, B.C.	4	28-11-13
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	5-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Chilliwack, B.C.	101	28-10-15
Roberts David O.	Cardiff	106	7- 7-16
Robert, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule	211	1- 6-18
*Richards, Edward	Drumheller	271	26- 6-19
Rollingston, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Blairmore	323	26- 7-20
Robertson, W. H.	Coalhurst	333	26- 7-20
Rappel, Thomas	Canmore	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway Leonard J.	Coalhurst	457	31- 7-22
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Richards, M. C. Russell	Blairmore	509	17- 5-23
Rutherford, Leslie D.	Saunders West	565	6- 5-24
Rutherford, Wilson	Drumheller	583	30-10-24
Roome, Richard	Mountain Park	588	24- 1-25
Rhodes, William B.	Lundbreck	625	26- 7-26
Robertson, Alexander	Lethbridge	633	30- 7-26
Ramage, John	Coalhurst	648	12- 8-27
Ray, William J.	Hillcrest	669	22- 4-29
Rees, Ernest	Hillcrest	686	1- 8-28
Rochester, John J.	Carbon	689	1- 8-28
Rolfe, Emrys	British Columbia	691	16- 8-28
Russell, William C.	Drumheller	705	24-11-28
Rear Albert E.	Corbin, B.C.	728	7- 6-29
Reid, Wm. P.	Lethbridge	732	17- 6-29
Radford, J. H.	Heisler	738	17- 6-29
Rogers, Benjamin	Canmore	753	5-11-29
Reed, John C.	Edmonton	779	10- 6-30
Raisbeck, A. B.	East Coulee	785	10- 6-30
Reynolds, Horace C.	Canmore	11	13- 7-31
Roberts, Simon	Cadomin	21	13- 7-31
Radocy, Isaac C.	Aerial	23	13- 7-31
Ratcliffe, Thomas	Drumheller	24	13- 7-31
Robertson, Duncan	Drumheller	47	26- 7-31

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Russell, Robert	Alix	69	25- 6-32
Rees, Sandford	Mountain Park	81	28- 7-32
Rhodes, George	Champion	96	10- 6-33
Rees, Edward D.	Bellevue	105	15- 6-33
Raeder, William	Elkwater	110	15- 6-33
Ross, A. W.	Delia	124	29- 7-33
Rozzolini, Albert	Raymond	126	29- 7-33
Radford James T.	Bellevue	132	15- 9-33
Richards, Lorenzo	Coleman	142	5- 6-34
Riordan, Leo	Drumheller	173	13- 8-34
Ruffee, Harry G.	Nacmine	204	9- 7-35
Richardson, E. H.	East Coulee	205	17- 7-35
Raisbeck, Robt. M.	Drumheller	213	12- 8-35
Raisbeck, James	East Coulee	215	29- 8-35
Rota, Steve	Champion	219	29- 8-35
Rebar, George	Lethbridge	229	22- 6-36
Roberts, Horace	Drumheller	251	11- 6-37
Rees, Daniel	East Coulee	273	27- 8-37
Richards, Lorenzo C.	Coleman	286	7- 6-38
Riva, Joseph	Canmore	288	8- 6-38
Remillard, Omer V.	Castor	304	22- 6-38
Raisbeck, Luke	East Coulee	330	7- 9-38
Ryning, James W.	Rowley	383	4- 7-39
Reissig, Erich	Willow Creek	388	12- 8-39
Robbins, John	Drumheller	390	17- 8-39
Richardson John	Camrose	393	1- 9-39
Reynolds, Arthur E. V.	Mercoal	404	10-11-39
Roberts, William	Rosedale	11	4- 9-40
Richards, Clifford	Hillcrest	17	11- 7-41
Roome, Herbert	Mountain Park	44	17- 7-42
Rae, Alex.	Blairmore	47	18- 7-42
Roome, John	Mountain Park	49	26- 7-42
Radocy, Kenneth	Aerial	70	14- 7-44
Scott, Robert	Lethbridge	6	19-12-98
*Scott, Hugh	Lethbridge	8	5- 6-99
Sedlock, Joseph	Canmore	22	25- 6-03
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt O. P.	Edmonton	44	1- 2-08
Sihvon, William	East Coulee	27	17- 5-07
Scott, Andrew N.	Luscar	28	23- 5-07
Smith, A. J. P.	Calgary	103	21- 2-10
Shaw, Thomas J.	Hinton	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sheratt, Owen Sr.	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30- 4-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge (duplicate)	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joseph	Drumheller	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Matthew	Edmonton	42	8- 9-14
Spencer, Murray A.	Brule	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair James	Drumheller	68	22- 1-15
Smith, John	Blairmore	94	1- 9-15
Smith, T. Edwin	Montana, U.S.A.	130	26- 7-16
Strickland, William	Exansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Shaw, Tom	Bellevue	202	18- 4-18
Sorro, Christopher	Blairmore	203	18- 4-18
Steen, Herman	Hanna	277	26- 6-19
*Scott, Frederick G.	Nordegg	287	2- 9-19
*Sippell, Joseph	Drumheller	295	1-12-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
*Sutherland, E. S.	Beverly	395	1- 8-21
Scott Robert	Nordegg	399	1- 8-21
Shaw, William G.	Kimberley	409	1- 8-21
Shaw, Joseph H.	Kimberley	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B.C.	437	29- 8-21

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Sneddon, Thomas	Taber	444	3- 4-22
Shepperd, Geo. E.	Wayne	477	1- 8-22
Speaker, Pete A.	Calgary	489	1- 9-22
Smith, Andrew A.	Drumheller	522	17- 8-23
Shevels, John	Bellevue	523	17- 8-23
Smith, Sidney L.	Drumheller	552	1-11-23
*Studholme, John H.	Dinant	559	18-12-23
Simmons, Efner W.	Forestburg	611	25- 7-25
Stanley, Henry	Nacmine	615	1- 8-25
Severns, Matthew	Valier, Mont. (duplicate)	621	11- 5-26
Steward, Frederick G.	Drumheller	624	26- 7-26
Shearer, Peter	Cadomin	640	22- 9-26
Smith, Terence	Edmonton	646	1- 8-27
Stewart, George W.	Nordegg	667	16- 1-28
Shandruk, Henry K.	Edmonton	695	16- 8-28
Steven, Robert	Banff	701	22- 8-28
Smith, Peter	Coleman	718	7- 6-29
Scott, J. D.	Rosedale	722	7- 6-29
Snow, Percy E.	Lethbridge	729	7- 6-29
Strang, David	Mountain Park	746	23- 7-29
Shearer, J. C.	Rosedale	749	9- 8-29
Sherwood, Henry R.	Canmore	751	8- 8-29
Stevenson, Robert	Drumheller	757	25- 2-30
Smillie, Walter	Evansburg	772	4- 6-30
Sutherland, S. R.	Bellevue	782	10- 6-30
Sinoski, Mike	Edmonton	791	14- 6-30
Stewart, R. E.	Shaughnessy	802	18-10-30
Stene, Alexander	Cadomin	10	13- 7-31
Stanko, Martin	Drumheller	13	13- 7-31
Smith, John A.	Cadomin	31	13- 7-31
Simons B. C.	Bellevue	36	26- 7-31
Saunders, Herbert A.	Cardiff	76	2- 7-32
Sward, Henry	Rose Lynn	104	10- 6-33
Schlender, Otto	Trochu	118	6- 7-33
Smillie, John	Drinnan	152	9- 6-34
Sprela, Martin	Willow Creek	163	19- 6-34
Schneider, Nick	Dimsdale	197	28- 6-35
Streich, Paul	Ardley	202	8- 7-35
Simpson, Frank	Nacmine	206	22- 7-35
Smith, James	Wayne	211	10- 8-35
Stevenson, Morris	Drumheller	218	25- 9-35
Shaw, Robert	Coleman	226	22- 6-36
Sinoski, Steve	Edmonton	252	11- 6-37
Sarsfield, William	East Coulee	273	27- 8-37
Stewart, Jas. M. Jr.	Nordegg	281	7- 3-38
Sheridan, Daniel	Lacombe	296	11- 6-38
Simpson, Edward	Edmonton	300	22- 6-38
Schymizek, John	Bright Bank	302	22- 6-38
Swan Harry	Priddis	307	22- 6-38
Sirko, Tibor	Rosedale Station	319	21- 7-38
Stratton, Andrew T.	Redcliff (duplicate)	329	7- 9-38
Smith, Harry	Drumheller	338	21-10-38
Scarpino, Eugene M.	Rosedale	389	14- 8-39
Swanston, Matthew	East Coulee	392	1- 9-39
Smith, Charles E.	Rosebud	396	12- 9-39
Steen, Alf C.	Rosedale Station	398	16- 9-39
Samis, Kenneth E.	Namao	402	18-10-39
Schnepf, Karl J.	Rosebud	6	3- 8-40
Smith, James	Nordegg	9	3- 8-40
Stait, Albert E.	Trochu	56	20- 7-43
Semeniuk, Steve	Shaughnessy	58	20- 7-43
Surrendi, Nick	Wayne	73	14- 7-44
Stene, Wm. V.	Cadomin	88	17- 7-44
Sladek, Anton, Jr.	Rosedale	90	18- 7-44
Shephard, W. L.	East Coulee	92	20- 7-44
Taylor, William	Lethbridge	10	16- 4-01
Turner, Samuel H.	Frank	21	25- 6-03
*Thomas David	Bankhead	31	5-12-04
Tonge, Thomas	Lundbreck	5	30- 5-06
Thompson, Thos.	Lundbreck	16	3- 1-07
*Teppo, Herman	Bellevue	19	3- 1-07
Turner, Samuel H.	Frank (duplicate)	22	8- 5-07
*Taylor, Thos.	Lundbreck	30	23- 5-07
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thos.	Coleman	93	29-11-09
*Thomas, Jos. D.	Nacmine	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B.C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovettville	66	22-12-14
Thomson, David	Lovettville	82	19- 8-15
Tennant, Robert	Drumheller	84	19- 8-15

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Troman Samuel	Lethbridge	87	26- 8-15
Turner, Leonard	Nordeg	125	19- 7-16
*Thom, George	Pocahontas	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordeg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Winnipeg	231	8- 6-18
Thomason, Charles	Blairmore	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Lethbridge	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
*Terris, Chapen	Saunders	429	1- 8-21
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Brule	485	1- 8-22
Tilley John C.	Bellevue	511	30- 6-23
Taylor, William	Midlandvale	514	17- 8-23
Turner, William H.	Blairmore	525	17- 8-23
Tucker, John M.	Entwistle	528	17- 8-23
Talbot, Walter J.	Clover Bar	533	17- 8-23
Trentham, Harry	Ghost Pine	536	17- 8-23
Teasdale, J. R. W.	Drumheller	540	1- 9-23
Tyldsley, Albert	Beverly	545	1- 9-23
Thomson, Walter	Clover Bar	628	26- 7-26
Taylor, John	Drumheller	649	1- 8-27
Tompkins, David F. R.	Foothills	659	1- 9-27
Thomson, William	Edmonton	683	1- 8-28
Thomas, Edward J.	Drumheller	706	24-11-28
Thomson, John	Edmonton	758	4- 6-30
Thirlwell, Wm.	Robb	4	20- 2-31
Tyrer, Edward	Lethbridge	5	13- 7-31
Thomas, William	Luscar	38	26- 7-31
Thomas, David S.	Midlandvale	55	21- 3-32
Tyrer, Harold	Lethbridge	70	25- 6-32
Taylor, Robert	Calgary	85	24- 8-32
Tonge, Reginald	Blairmore	90	30- 9-32
Thomson, Alexander	Edmonton	141	5- 6-34
Taylor, Edward	Groton	154	9- 6-34
Tiffin, Richard	Coleman	188	10- 6-35
Thomas, David R.	Ryley	241	6-11-36
Tiberghien, A. J.	Coleman	264	23- 6-37
Turner, William A.	Halcourt	262	23- 6-37
Thompson, John W.	Drumheller	274	1- 9-37
Treventhin, Mark	Wayne	305	22- 6-38
Tennant, James	Mountain Park	358	8- 6-39
Thomson, John D.	Drinnan	360	8- 6-39
Thomas, David R.	Luscar	379	4- 7-39
Tinsley, Albert J.	Rosedale Station	381	4- 7-39
Tiberg, Alrik N.	Blairmore	38	17- 7-42
Topak, Peter	Coleman	55	14- 7-43
Utley, Frederick W.	Bellevue	250	26- 6-19
Unsworth Robert J.	Scapa	704	24-11-28
Urwin, Henry	Canmore	123	29- 7-33
Unsworth, George	Scapa	399	12-10-39
Urwin, James	Coleman	95	28- 7-44
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michael P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Vannucci, Luigi	Brule	629	26- 7-26
Vining, Samuel	Luscar	635	30- 7-26
Vivvurka, John	Mercoal	44	26- 7-31
Van Schoorl, August	Coleman	228	22- 6-36
Valentini, Marcelli	Bow Island	309	22- 6-38
Vitaly, Mike L.	Namao	351	8- 6-39
Vanbesien, Jules	Champion	366	22- 6-39
Van Duncombe, Walter	Taber	394	12- 9-39
Watkins, W. E.	Champion	1	14-11-98
Wilson John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03
Wilson, Wm. Geo.	Coleman	3	20-12-05
Watters, John	Bankhead	5	20-12-05
Webb, Jas. E.	Canmore	42	8- 4-05
Welsh, Wm. R.	Lundbreck	9	3- 1-07
*Wright, John S.	Canmore	12	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Banff	49	29- 5-08
Weston, Thomas	Edmonton	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Williams, John T.	Bellevue	33	23- 5-14
Wesledge, William	Nanaimo, B.C.	58	5-12-14
Wardrop James	Canmore	72	16- 2-15
Worthington, Thomas	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-16
Williams, Albert	Edmonton	138	25- 9-16
Wilcox, William J.	Edson	140	11-11-16
Willetts, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Midlandvale	169	17- 7-17
Wolstoncroft, Robert	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred Jr.	Drumheller	225	8- 6-18
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Edmonton	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woollett, Charles	Edmonton	379	1- 8-21
Walker Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L.	Wayne	394	1- 8-21
Wilkie, John	Sheerness	405	1- 8-21
White, Robert	Nordegg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Wood, Matthew	Bellevue	508	17- 5-23
Wylie, James	Commerce	520	17- 8-23
Weaver, William	Natal, B.C.	530	17- 8-23
Whitelaw, William	Blairmore	532	17- 8-23
Whelan, Charles J.	Newcastle P.O.	556	4-12-23
Williamson, David S.	Camrose	558	18-12-23
Waller, Herbert	Natal, B.C.	562	28-12-23
Willetts, Norman	Hillcrest	571	24- 7-24
Williams, Hugh	Nordegg	577	1- 8-24
Wilton-Clark, Harry	Bellevue	594	20- 7-25
Wheatley, Frank M.	Banff	599	20- 7-25
Wiswell, Byron	Blairmore	637	6- 8-26
Wilson, Samuel	Drumheller	639	20- 8-26
Whittaker, William C.	Coal Valley	643	25- 5-27
Westcott, Henry M.	Wayne	651	1- 8-27
Warneboldt, Julius	Chilliwack, B.C.	658	1- 9-27
Withington, Harry E.	Newcastle P.O.	664	14-10-27
White, Harry J.	Coalhurst	677	19- 7-28
Woolliney, Karl	Bellevue	681	1- 8-28
Wiltse, Donald H.	Edmonton	688	1- 8-28
Whitehead, J. W.	England	712	7- 6-29
Williams, L. A.	Edmonton	768	4- 6-30
Womersley, E.	Blairmore	783	10- 6-30
Williams, H. A.	Mountain Park	792	3- 7-30
White, Michael	Drumheller	806	29-10-30
Williams, Walter	Alix	29	13- 7-31
Walsh, James C.	Bellevue	34	13- 7-31
Williams D. J.	Mountain Park	35	13- 7-31
Watkin, Geo. E.	Bittern Lake	59	2- 6-32
Walton, Geo. A.	Forestburg	67	25- 6-32
Watson, David	Leduc	77	11- 7-32
White, George	Nordegg	83	24- 8-32
Williams, Wm.	Barnwell	87	23- 9-32
Woodward, Clarence	Bellevue	94	16- 2-33
Wilkinson, James	Bragg Creek	116	3- 7-33
Watters, David G.	Drumheller	120	29- 7-33
Wiltse, Floyd N.	Forestburg	125	29- 7-33
Wilson, Charles	Lethbridge	130	8- 9-33
Williams, John	Barnwell	161	16- 6-34
White, John	Nordegg	210	10- 8-35
Wright, S. P. T.	East Coulee	243	1- 2-37
Whyte David	Pipestone Creek	253	11- 6-37
Waddington, Daniel M.	Coleman	259	23- 6-37
Wheatley, James W.	Banff	276	4-10-37
Wheeler, Albert	Clyde	282	24- 3-38
Wolff, Alfred	Willow Creek	387	12- 8-39
Watters, John J.	Edmonton	12	19- 9-40
Wakaruk (Walker), John J.	Newcastle	48	20- 7-42
White, James B.	Nordegg	102	24-10-44
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Yates, James	Coleman	504	15- 2-23
Young, David B.	Picture Butte	581	25- 9-24
Young, Robert	Newcastle P.O.	603	25- 7-25
Young, Robert	Newcastle P.O. (duplicate)	788	14- 6-30
Young, Albert	Foreman	159	16- 6-34
Young, John	Drumheller	214	29- 8-35

List of Names of Holders of Third Class Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Young, Warren	Wayne	216	30- 8-35
Young, Charles	Newcastle	278	10-11-37
Yarham, John I.	Forestburg	321	8- 8-38
Yorko, Simon A.	Shaughnessy	345	8- 6-39
Yard Lloyd Geo.	Trochu	373	22- 6-39
Zak, Albert	Commerce	324	26- 7-20
Zambo, Joseph	Aerial	292	10- 6-38
Zaputil, Frank W.	Rosedale	397	12- 9-39

*Deceased.

List of Names of Holders of Mine Surveyors' Certificates

Aspinall, Francis	Vancouver	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Medicine Hat	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Atkins, Cecil B.	Edmonton	162	17- 7-23
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Bilteryest, Jean	Calgary	73	1- 9-15
*Black, Ernest D.	Nova Scotia	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Carbon	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Burgess, Wilfred D.	Trail, B.C.	169	18-12-23
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church James A. H.	Nova Scotia	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
*Callander, Ira C.	Pocahontas	39	21- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
*Cote, Jean L.	Edmonton	80	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
*Crowder, James	Blairmore	111	23-11-15
Cook, Arnold B.	Calgary	113	23-11-15
Cummin, Charles H.	Edmonton	135	3- 7-18
*Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	9- 3-21
Carthew, John T.	England	164	17- 7-23
Chavignaud, Louis G.	Hinton	165	17- 7-23
*Davidson, W. A.	Rosedale	7	7- 8-15
*Drinnan, Robert G.	Edmonton	8	7- 8-15
DeHart, Joseph B.	Lethbridge	45	23- 8-15
*Dougall, Ralph	Bankhead	49	23- 8-15
Drummond, Leonard E.	Edmonton	51	23- 8-15
Dunn, Alex. C.	Edmonton	55	23- 8-15
*Darbyshire, James	Drumheller	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
*Driscoll, Alfred	Edmonton	91	7- 9-15
Dennin, Frederick W.	England	100	9- 9-15
Davis, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B.C.	126	10- 7-16
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	163	1- 8-22
Drinnan, R. G. Jr.	Edmonton	181	8- 8-30
Dwarkin, L. M.	Coleman	2	30-10-41
Donaldson, Adam G.	Lethbridge	4	6- 8-43
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
*Evans, Daniel	Edmonton	123	29-12-15
Elliott, G. R.	Calgary	150	26- 7-20
*Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	Tennessee, U.S.A.	83	1- 9-15
*Fraser, A. T.	Edmonton	121	18-11-15
Foster, William	Robb	167	1- 9-23
French, Merritt H.	Calgary	3	22- 8-33
Fraser, Arthur A.	Coleman	8	2- 9-37
Green, Raoul	Calgary	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U.S.A.	110	23-11-15
*Gheur, Ernest	Nordeg	129	22- 2-17
Graham, A. E.	Coleman	168	15- 9-23
Gardner, H. H.	Coleman	180	23- 7-29
Hutchison David	Hillcrest	29	20- 8-15
*Huntrods, E. S. F.	Taber	34	20- 8-15
*Hardie, W. D. L.	Lethbridge	50	23- 8-15
*Holden, Jas. O. E.	Drumheller	46	23- 8-15
*Hargreaves, James	Victoria, B.C.	52	23- 8-15
Hamilton, James F.	Lethbridge	56	23- 8-15
Henderson, Thomas R.	Scotland	67	1- 9-15
Hutchison, William	Hillcrest	68	1- 9-15

List of Names of Holders of Mine Surveyors' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Hamilton, Robert	Three Hills	74	1- 9-15
Horne, Thomas	Edson	82	1- 9-15
*Harrison, Stephen	Lethbridge	85	1- 9-15
Hyde, Marcus L.	California	95	7- 9-15
*Hamilton, W. L.	Lethbridge	117	23-11-15
Hamilton, Allan	Drumheller	131	7- 7-17
Hall, W. E. G.	Blairmore	143	2- 7-19
Hetherington, W. B.	British Columbia	144	9- 7-19
Higgins, Alexander	Calgary	145	15- 7-19
Hollies, R. T.	Edmonton	156	1- 8-21
Hunter, A. B.	Edmonton	153	9- 3-21
Howells, N.	Wayne	160	3-11-21
Hnatyshyn, Andrew C.	Luscar	171	24- 7-24
Hughes, Edward	Mayerthorpe	174	25- 9-24
Hewitt, Herbert E.	Blairmore	6	7- 8-36
Hamilton, Duncan C.	Drumheller	10	1-10-38
Jones, Samuel A.	Nanaimo, B.C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
*Johnson, Moses	Blairmore	130	7- 7-17
Jones, John R. B.	Hinton	5	1- 8-36
*Kellock, George	Coleman	105	23-11-15
*Kellelt, Walton	Lethbridge	47	23- 8-15
*Knight, R. R.	Edmonton	96	9- 9-15
Knight, Sidney	Ottawa	122	3-12-15
Kidd, G. L. S.	Drumheller	132	10-10-17
Kelly, O. G.	Carbondale	2	29- 7-33
*Livingstone, Robert	Lethbridge	9	7- 8-15
*Lee, Robert	Estevan, Sask.	64	1- 9-15
Lavoie, G. A.	United States	44	23- 8-15
Lyster, H. M.	Toronto, Ont.	77	1- 9-15
*Leblanc, Emile	Wayne	107	23-11-15
Lindoe, Luke	Coleman	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Livingstone, Robt. D.	Lethbridge	11	25- 7-39
*Morris, J. J.	Canmore	14	7- 8-15
Morris, R. H.	Virginia, U.S.A.	17	7- 8-15
Milne, M. C.	Virginia, U.S.A.	78	1- 9-15
*Mills, Harry W.	Bankhead	92	7- 9-15
Maxwell, W.	Westville, N.S.	93	7- 9-15
Millar, A. A.	Edmonton	97	9- 9-15
Meldrum, Wm.	Lethbridge	98	9- 9-15
Moodie, K. S.	Vancouver	101	9- 9-15
Marshall, J. W.	Evansburg	106	23-11-15
*Marsh, John	Taber	124	4- 4-16
Morgan, O.	Saunders	148	26- 7-20
Moore, H. D.	Edmonton	149	26- 7-20
Millen John	Trail, B.C.	172	24- 7-24
Melnyk, N.	Cadomin	182	10- 9-30
Morgan, T. E.	Hillcrest	183	29-10-30
Morris, William	Edmonton	12	1- 8-39
Morgan, Evan	Blairmore	3	14- 7-43
McNeill, W. F.	Calgary	6	7- 8-15
McLeod, John A.	Cadomin	35	20- 8-15
McLenhan, J. A.	Coalspur	37	21- 8-15
Macaulay, A. G.	Midlandvale	41	23- 8-15
Macaulay, D. A.	Drumheller	60	31- 8-15
McCulloch, James	Vancouver, B.C.	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
*McVicar, Samuel	Beaver Mines	120	23-11-15
*McDonald, John R.	Edmonton	128	22- 2-17
McMuilen, Arthur	Nordeg	1	26- 7-31
O'Donnell, Thomas	Rosedale	102	9- 9-15
Pitcher, Norman C.	Edmonton	10	7- 1-15
*Parker, John L.	Canmore	11	7- 8-15
Pickles, Wm.	Edmonton	24	18- 8-15
*Puckett, O. L.	Robb	31	20- 8-15
Ponton, G. M.	Calgary	63	1- 9-15
Piard, Marc	Blairmore	88	7- 9-15
Powell, A. E.	Lundbreck	108	23-11-15
Pascoe, Thomas	Mountain Park	178	1- 8-27
Pratt, John	Coleman	4	22- 7-35
Quigley, Daniel H.	Coalhurst	142	2- 7-19
Reid, J. C.	Oklahoma U.S.A.	12	7- 8-15
Richards, J. A.	Edmonton	13	7- 8-15
*Robertson, J. D.	Edmonton	23	7- 8-15
Robertson, J.	Drumheller	61	1- 9-15
Reid, A. H.	Oklahoma, U.S.A.	62	1- 9-15
Robert, L. P.	Blairmore	65	1- 9-15
Raisbeck, Luke	Drumheller	103	23-11-15
Ritchie, D. W.	Edmonton	134	28- 6-18
Robinson, W. E.	Coleman	139	11- 7-18
Riddell, J. G.	Coleman	147	26- 7-21
Richards, M. C. Russell	Blairmore	166	15- 9-23
*Richards, C. C.	Calgary	43	23- 8-15
Rhynas, Melville G.	Pincher Creek	9	1-11-37
*Shaw, William	Edmonton	25	19- 8-15

List of Names of Holders of Mine Surveyors' Certificates—Continued

Name	Address	Cert. No.	Date of Issue
*Stockett, Lewis	Vancouver	2	7- 8-15
Stirling, John T.	Scotland	19	7- 8-15
*Smith, Frank B.	Edmonton	3	7- 8-15
Scott, A. N.	Luscar	36	20- 8-15
Shanks, John	Nordegg	58	28- 8-15
Stevenson, Wm.	Hillcrest	59	31- 8-15
Stevens, Leonard C.	Edmonton	66	1- 9-15
Sutherland, C. C.	Seattle, Wash.	86	3- 9-15
Stevenson, J.	Scotland	116	23-11-15
Sherwin, P. M.	Frank	127	22- 1-17
Smith, T. E.	Montana, U.S.A.	137	3- 7-18
Steele, F. M.	Calgary	146	23- 3-20
Sparks, H. E.	Ontario	155	1- 8-21
Shanks, David	Nordegg	161	3- 4-22
Shaw, Norman	Edmonton	170	16- 7-24
Stewart, R. T.	Edmonton	173	11- 8-24
Thorne, B. L.	Calgary	18	7- 8-15
*Thornton, Norman M.	Edmonton	16	7- 8-15
*Thomas, Jos. D.	Nacmine	115	23-11-15
*Turner, John H.	Coalhurst	141	2- 7-19
Utey, Frederick W.	Bellevue	177	26- 7-26
*Whiteside, O. E. S.	Coleman	27	19- 8-15
Williams A. E.	Saunders	38	21- 8-15
*Wain, W. Holt	Canmore	4	7- 8-15
*Wilson, D. G.	Bankhead	5	7- 8-15
Williams, T. B.	Calgary	48	23- 8-15
Watson, R. H.	Edmonton	53	23- 8-15
*Williams, W. P.	Bellevue	71	1- 9-15
Watters, John	Banff	87	3- 9-15
Wilson, W. R.	Fernie, B.C.	90	7- 9-15
*Wark, Samuel D.	Evansburg	99	9- 9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin	Fernie, B.C.	138	11- 7-18
Wilton-Clark, Harry	Coleman	175	20- 7-25
Wilson, William	Drumheller	176	14- 8-25
Whittaker, William C.	Coal Valley	179	6- 8-27
Whigham-Teasdale, Jas. R.	Drumheller	7	18- 8-37
Wilson, Andrew	Rosedale Station	1	19- 7-41
*Young, W. H.	Calgary	28	19- 8-15

*Deceased.

List of Names of Holders of Mine Electricians' Certificates

Anderson, Julius	Wayne	87	10- 9-40
Angelo, Steve	Drumheller	88	10- 9-40
Arndt, Joseph H.	Drumheller	61	30- 9-39
Biamonte, Antonio	Clover Bar	1	25- 9-39
Brotherston, Robert A.	Clover Bar	2	25- 9-39
Broderick, Gideon	Canmore	14	30- 9-39
Blas, Emile	Blairmore	28	30- 9-39
Blake, Gwilym	Blairmore	29	30- 9-39
Bell, Harold	Lethbridge	39	30- 9-39
Berlando, Tully	Aerial	49	30- 9-39
Buzenus, Christopher	Drumheller	51	30- 9-39
Belley, Thomas	Mountain Park	76	24- 9-39
Brown, Hugh R.	Carbon	95	12- 9-40
Bucholtz, Robert C.	Redcliff	98	16- 9-40
Barrell, William	Ardley	101	14-11-40
Burch, George	Shaughnessy	107	29- 9-41
Beaton, Geo. M.	Luscar	116	15-10-42
Barraud, Chas. A.	Nordegg	120	12- 7-44
Basso, Joseph	Cadomin 6	123	8-11-44
Bailey, Edwin T.	Carbondale	124	8-11-44
Conlin, Richard	Drumheller	50	30- 9-39
Clark, James	East Coulee	59	30- 9-39
Cartledge, Harold L.	Edmonton	67	9-11-39
Callan, Lawrence	Cadomin	78	24-11-39
Chapman, James R.	Alexo	84	25- 5-40
Craig, Andrew	Nacmine	91	11- 9-40
Devonshire, George H.	Canmore	15	30-10-39
Dibblee, Edwin W.	Coleman	26	30- 9-39
Dutfield, George	Coleman	27	30- 9-39
Dore, Vincent F.	Coal Valley	70	24-11-39
Dolanz, Steve	Three Hills	81	21-12-39
Dolanz, Iggy	Three Hills	82	21-12-39
Edwards, Mark	Entwistle	100	14-11-40
Fraser, James	Coleman	31	30- 9-39
Ford, John C.	Drumheller	53	30- 9-39
Freypons, John	East Coulee	60	30- 9-39
Fox, Alfred	Carbon	83	21-12-39
Finlayson, John C.	Robb	102	15-11-40
Gilchrist, J. N.	Wabamun	5	27- 9-39
Grover, Henry	Calgary	16	30- 9-39
Gregor, Victor	Bellevue	17	30- 9-39
Godfrey, Wiley R.	Coleman	18	30- 9-39

List of Holders of Mine Electricians Certificates—Continued

Name	Address	Cert. No.	Date of Issue
Gidman, Joseph H.	Taber	40	30- 9-39
Grant, Alexander	Rosedale	47	30- 9-39
Horne, Robert	Drinnan	4	27- 9-39
Hunter, James	Edmonton	8	27- 9-39
Hallworth, Fredrick W.	Bellevue	23	30- 9-39
Henderson, John R.	Nacmine	46	30- 9-39
Herman, Martin	Drumheller	48	30- 9-39
Higgins, William	Drumheller	52	30- 9-39
Hansen, Knud	Midlandvale	55	30- 9-39
Hoole Wm.	East Coulee	86	10- 9-40
Henderson, Patrick H.	Lethbridge	97	16- 9-40
Hodgkinson, John L.	Evansburg	112	21-11-41
Heidel, H. G.	Priddis	117	12-11-43
Iwasiuk, Harry	Wabamun	7	27- 9-39
Johnson, Albert E.	Drumheller	85	10- 9-40
King, William G.	Lethbridge	37	30- 9-39
King, Samuel D.	Iron Springs	41	30- 9-39
Lambert, Louis J.	Edmonton	3	27- 9-39
Lister, Alexander B.	Edmonton	9	27- 9-39
Lawrence, Charles G.	Hillcrest	19	30-10-39
Lain, John T.	Foothills	69	24-11-39
Lattin, Albert	Drumheller	89	10- 9-40
Laslop, Ignac	Midlandvale	92	11- 9-40
Lavis, Stewart	Drumheller	119	12-11-43
Lamond, David	Edmonton	121	12- 7-44
Lupul, Eugene	Saunders	122	12- 7-44
Mitchell, Robert	Coleman	20	30- 9-39
Murdoch, Stewart	Coleman	21	30- 9-39
Millett, Fernley E.	Blairmore	22	30- 9-39
Montalbetti, Ralf A.	Coleman	32	30- 9-39
Mileson, Thomas H.	Lethbridge	34	30- 9-39
Milner, Robert	Lethbridge	44	30- 9-39
Munro, James H.	Lethbridge	45	30- 9-39
Murdoch, Horace	Rosedale	56	30- 9-39
Marsh, Cyril	Drumheller	57	30- 9-39
Milo, Michael	East Coulee	65	30- 9-39
Mellett, Percy M.	Sterco	71	24-11-39
Mathison, Matthew	Robb	72	24-11-39
Miller, William J.	Cadomin	79	24-11-39
Muhlberg, E. A.	Mountain Park	125	8-11-44
MacDonald, Edwin M.	Bellevue	24	30- 9-39
McKay, Fred	Blairmore	25	30- 9-39
McGregor, Hector	Lethbridge	36	30- 9-39
McMahon, James	Lethbridge	38	30- 9-39
McLeod, Fraser	Mercoal	74	24-11-39
Manning, Thomas	Drumheller	93	11- 9-40
Musgrove, Fred	Canmore	105	1-10-41
McQuillan, D. J.	Saunders	113	15-10-42
Nelson, Cais E.	Lethbridge	42	30-10-39
Nelson, Leonard G.	Lethbridge	96	16- 9-40
Oliphant, Cyril	Carbon	80	21-12-39
O'Dwyer, John J.	Midlandvale	90	10- 9-40
Oliver, Kenneth	Taber	109	1-10-41
Porter, Glen	Luscar	77	24-11-39
Phillips, Robert	Edmonton	111	21-11-41
Reishus, Odin K.	East Coulee	63	30- 9-39
Raisbeck, Luke	East Coulee	64	30- 9-39
Root, Clarence	Robb	73	24-11-39
Riordan, Leo	Edmonton	104	1- 5-41
Ransom, Albert S.	Nacmine	118	12-11-43
Smith, Eric W.	Nordegg	12	30- 9-39
Shanks, David S.	Nordegg	13	30- 9-39
Sbora, John	Drumheller	54	30- 9-39
Speight, James A.	Midlandvale	58	30- 9-39
Skow, Arthur M.	Drumheller	62	30- 9-39
Stacey, Alfred R.	Hinton	68	30- 9-39
Stewart, R. T.	Edmonton	99	14-11-40
Trysinsky, Stanley	Hinton	103	23-12-40
Thackray, John	Shaughnessy	108	1-10-41
Tait, Burton	Edmonton	110	21-11-41
Vasek, Steven	Coleman	33	30-10-39
Wilson, Glen H.	Edmonton	6	27- 9-39
Waters, William J.	Saunders	10	30- 9-39
Wilson, John	Nordegg	11	30- 9-39
Warn, Roland	Bellevue	30	30- 9-39
Webster, James S.	Shaughnessy	35	30- 9-39
Wyatt, Douglas	Diamond City	43	30- 9-39
Weston, Clarence E.	Rosedale	66	30- 9-39
Watson, James S.	Mountain Park	75	24-11-39
Wilson, Mike	Willow Creek	94	12- 9-40
Wollersheim, Phillip	Drumheller	106	1-10-41
Worobec, Wm. N.	Bellevue	114	15-10-42
Weins, Wm. J.	Drumheller	115	15-10-42

*Deceased.

PARTICULARS OF OPERATING MINES IN THE VARIOUS AREAS

ARDLEY AREA

F. A. Straub—Mine No. 255

Mine Office: Alix, Alberta.
 Overman: F. A. Straub.
 Location of Mine: N.E. $\frac{1}{4}$ L.S. 5, Sec. 17,
 Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Cover: 40 feet.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Stripping operation. Truck mine.

J. W. Sissons—Mine No. 809

Mine Office: Alix, Alberta.
 Overman: Clive Sissons.
 Mine Surveyor: Robert Hamilton.
 Location of Mine: E. of C.N.R. L.S. 6,
 Sec. 33, Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet. Inclination
 of Seam: Horizontal.
 Thickness of Cover: 42 feet.
 Form of Opening: Stripping operation.
 Truck mine.

James Blades—Mine No. 969

Mine Office: Delburne, Alberta.
 Overman: James Blades.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 14, Sec. 10, Tp.
 38, Rge. 22, W. 4th Mer.
 Thickness of Seam: $3\frac{1}{2}$ ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Slope. Size of Slope:
 5 ft. 6 in. by 6 ft. Length of Slope: 150
 feet. Truck mine.

Alexander J. Johnson—Mine No. 1018

Mine Office: Ardley, Alberta.
 Overman: Alex. J. Johnson.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 3, Sec. 17, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 100 feet.
 Form of Opening: Drift. Size of Drift:
 6 ft. by 7 ft. Truck mine.

Carl B. Kurp—Mine No. 1135

Mine Office: Delburne, Alberta.
 Overman: Carl B. Kurp.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 7, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 55 feet.
 Form of Opening: Entry. Size of Entry:
 6 ft. by 6 ft.
 Truck mine.

John Lynass—Mine No. 1322

Mine Office: Delburne, Alberta.
 Overman: John Lynass.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 7, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 75 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6 ft. by 7 ft.
 Truck mine.

Chas. O. Russell—Mine No. 1488

Mine Office: Alix, Alberta.
 Overman: Chas. O. Russell.
 Mine Surveyor: David Jones.
 Location of Mine: W. $\frac{1}{2}$ L.S. 3, Sec. 29,
 Tp. 38, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 75 feet.
 Form of Opening: Drift. Size of Open-
 ing: $6\frac{1}{2}$ ft. by 4 ft. 9 in.
 Truck mine.

Kehl & McGladrie—Mine No. 1586

Mine Office: Nevis, Alberta.
 Overman: R. McGladrie.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4 and 5, Sec. 35,
 Tp. 37, Rge. 22, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 feet.
 Form of Opening: Shaft.
 Truck mine.

Myers & Munro—Mine No. 1605

Mine Office: Ardley, Alberta.
 Overman: S. S. Munro.
 Location of Mine: L.S. 12, Sec. 35, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam:
 Inclination of Seam: Horizontal.
 Thickness of Cover:
 Stripping operation. Truck mine.

William Barrell—Mine No. 1613

Mine Office: Ardley, Alberta.
 Overman: W. Barrell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 10, Sec. 20, Tp. 38,
 Rge. 23, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ ft. to 6 ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 to 100 feet.
 Stripping operation. Truck mine.

BIG VALLEY AREA

Big Valley Coal Co.—Mine No. 864

Mine Office: Big Valley, Alberta.
 Acting Manager: Robert Baxter.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 26, Tp.
 35, Rge. 20, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 to 80 feet.
 Form of Opening: Slope. Size of Open-
 ing: 6 ft. by 8 ft.
 Truck and C.N.R. Mine.

James McKinlay—Mine No. 1189

Mine Office: Huxley, Alberta.
 Overman: James McKinlay.
 Mine Surveyor: David Jones.
 Location of Mine: E. $\frac{1}{2}$ of E. $\frac{1}{2}$ L.S. 13,
 and L.S. 14 of Sec. 3, Tp. 34, Rge. 22,
 W. 4th Mer.
 Thickness of Seam: 3 ft. 3 in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 to 75 feet.
 Form of Opening: Drift. Size of Drift:
 5 ft. by 6 ft.
 Truck mine.

Robert Campkin—Mine No. 1254

Mine Office: Lousana, Alberta.
 Overman: Robert Campkin.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 16, Sec.
 12, Tp. 36, Rge. 22, W. 4th Mer.
 Thickness of Seam: 4 ft. 4 in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 to 150 feet.
 Form of Opening: Slope. Size of Slope:
 6 ft. by 6 ft. Length of Slope: 112 feet.
 Truck mine.

John A. Ginther—Mine No. 1376

Mine Office: Perbeck, Alberta.
 Overman: J. A. Ginther.
 Mine Surveyor: Alex. Higgins.
 Location of Mine: L.S. 7, Sec. 30, Tp. 34,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 to 75 feet.
 Form of Opening: Slope. Size of Slope:
 5 ft. by 5 ft. Length of Slope: 100 feet.
 Truck mine.

BROOKS AREA**Birnwel Coal, Ltd.—Mine No. 1404**

Authorized Capital: \$20,000.00.
 Name of President and General Manager: J. G. Westgate.
 Name of Secretary-Treasurer: J. E. Muir.
 Head Office: 309 8th Ave. W., Calgary, Alberta.
 Mine Office: Eyremore, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 8, Sec. 15, Tp. 17, Rge. 17, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 25 feet.
 Stripping operation.
 Truck and C.P.R. mine.

CAMROSE AREA**Joe Proskow—Mine No. 241**

Mine Office: Dinant, Alberta.
 Overman: J. Proskow.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 18, Tp. 48, Rge. 19, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 feet.
 Stripping operation. Truck mine.

L. Strilczyk—Mine No. 610

Mine Office: Ohaton, Alberta.
 Overman: L. Strilczyk.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 10, Tp. 48, Rge. 18, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 feet.
 Stripping operation. Truck mine.

S. H. Burnstadt—Mine No. 724

Mine Office: Round Hill.
 Overman: S. H. Burnstadt.
 Mine Surveyor: D. Jones.
 Location of Mine: S.W. $\frac{1}{4}$, Sec. 15, Tp. 48, Rge. 18, W. 4th Mer.
 Thickness of Seam: 6ft.
 Thickness of Cover: 10ft.
 Stripping operation. Truck mine.

Red Flame Coal Co., Ltd.—Mine No. 1420

Authorized Capital: \$20,000.
 Name of President: John Russell.
 Names of Directors: John Russell, Alex. Russell, R. Shortreed.
 Name of Secretary: R. Shortreed.
 Mine Office: Round Hill, Alberta.
 Mine Manager: John Russell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 14, Sec. 19, Tp. 48, Rge. 18, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 84 feet.
 Form of Opening: Slope. Size of Slope: 6ft. by 8ft. Length of Slope: 220 feet.
 Truck and C.N.R. mine.

Geo. Shute & Partners—Mine No. 1524

Mine Office: Dinant, Alberta.
 Overman: Geo. Shute.
 Mine Surveyor: David Jones.
 Location of Mine: E. $\frac{1}{2}$ Sec. 7, Tp. 48, Rge. 19, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 17 feet.
 Stripping operation.
 Truck mine.

Camrose Collieries, Ltd.—Mine No. 1603

President and Managing Director: D. Twomey, Jr.
 Mine Office: Camrose, Alberta.
 Mine Surveyor: David Jones.
 Location of Mine: Sec. 29, Tp. 46, Rge. 19, W. 4th Mer.

Thickness of Seam: 4ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 feet.
 Stripping operation. Truck mine.

CARBON AREA**Spencer & Dolphin—Mine No. 53**

Mine Office: Carbon, Alberta.
 Overman: H. Dolphin.
 Mine Surveyor: David Jones.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 3, Sec. 14, Tp. 29, Rge. 23, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 feet.
 Form of Opening: Tunnels. Size of Tunnels: 6ft. by 7ft.
 Truck mine.

Inland Coal Co., Ltd.—Mine No. 384

President: W. Nesbit.
 Name of Secretary: R. D. Watson.
 Mine Office: Three Hills, Alberta.
 Manager: R. T. Stewart.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 3, Sec. 36, Tp. 21, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Thickness of Cover: 160 feet.
 Inclination of Seam: Dips 1% N.
 Form of Opening: Shaft. Size of Shaft: 12ft. by 7 $\frac{1}{2}$ ft. Depth of Shaft: 160 feet.

Jas. W. Ryning—Mine No. 690

Mine Office: Rowley, Alberta.
 Overman: Jas. W. Ryning.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 13, Tp. 32, Rge. 21, W. 4th Mer.
 Thickness of Seam: 5ft. 3in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 108 feet.
 Form of Opening: Shaft. Size of Shaft: 6ft. by 8ft. Depth of Shaft: 108 feet.
 Truck mine.

Yard & Son—Mine No. 710

Mine Office: Trochu, Alberta.
 Overman: Lloyd G. Yard.
 Mine Surveyor: David Jones.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 9, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Dips 1% North.
 Thickness of Cover: 80 feet.
 Form of Opening: Drift. Size of Opening: 5ft. by 5ft.
 Truck mine.

Ben Pickering—Mine No. 817

Mine Office: Ghost Pine Creek, Alberta.
 Overman: Ben Pickering.
 Mine Surveyor: G. L. Kidd.
 Location: L.S. 2, Sec. 6, Tp. 31, Rge. 21, W. 4th Mer.
 Thickness of Seam: 5ft. 6in.
 Thickness of Cover: 50-100 feet.
 Inclination of Seam: Horizontal.

Otto Schlender—Mine No. 921

Mine Office: Trochu, Alberta.
 Overman: Otto Schlender.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 14, Tp. 33, Rge. 23, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Drift. Size of Drift: 7ft. by 5ft.
 Truck mine.

East Carbon Coal Co.—Mine No. 1060

Mine Office: Carbon, Alberta.
 Overman: Alfred Fox.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 12 and 13, Sec. 7, Tp. 29, Rge. 22, W. 4th Mer.

Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 100 to 200 feet.
Form of Opening: Level drift. Size of
Opening: 6ft. by 6ft.
Truck mine.

E. E. Staite—Mine No. 1226

Mine Office: Trochu, Alberta.
Overman: A. E. Staite.
Mine Surveyor: L. C. Stevens.
Location of Mine: W. $\frac{1}{2}$ L.S. 9, Sec. 29,
Tp. 33, Rge. 22, W. 4th Mer.
Thickness of Seam: 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 45 to 100 feet.
Form of Opening: Level drift. Size of
Drift: 6ft. by 7ft.
Truck mine.

Richard Bradshaw—Mine No. 1283

Mine Office: Trochu, Alberta.
Overman: Richard Bradshaw.
Mine Surveyor: David Jones.
Location of Mine: L.S. 8, Sec. 14, Tp. 33,
Rge. 23, W. 4th Mer.
Thickness of Seam: 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 30 to 80 feet.
Form of Opening: Slope. Size of Slope:
5ft. by 6ft. Length of Slope, 150 feet.
Truck mine.

Balogh Bros.—Mine No. 1359

Mine Office: Carbon, Alberta.
Overman: Aron Balogh.
Mine Surveyor: David Jones.
Location of Mine: L.S. 8, Sec. 13, Tp. 29,
Rge. 23, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 100 to 150 feet.
Form of Opening: Drift. Size of Open-
ing: 6ft. by 8ft.
Truck mine.

Nuttal & Davidson—Mine No. 1499

Mine Office: Three Hills, Alberta.
Overman: W. W. Davidson.
Mine Surveyor: J. R. Whigham-Teasdale.
Location of Mine: L.S. 1, Sec. 9, Tp. 31,
Rge. 22, W. 4th Mer.
Thickness of Seam: $4\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 8 to 25 feet.
Stripping operation. Truck mine.

W. Pastorchik & Partners—Mine No. 1538

Mine Office: Three Hills, Alberta.
Overman: W. Pastorchik.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: S.E. $\frac{1}{4}$ L.S. 10, Sec. 9,
Tp. 31, Rge. 22, W. 4th Mer.
Thickness of Seam: $4\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 15 to 30 feet.
Stripping operation. Truck mine.

Pearless Coal Co.—Mine No. 1600

Mine Office: Carbon, Alberta.
Manager: H. R. Brown.
Mine Surveyor: H. R. Brown.
Location of Mine: L.S. 2, Sec. 15, Tp. 29,
Rge. 23, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 100 to 200 feet.
New operation.

CASCADE AREA

The Canmore Mines, Ltd.—Mine No. 2

Authorized Capital: \$1,000,000.
Name of President: Edmund Hayes.
Names of Directors: B. Frank Crane, F.
E. Weyerhaeuser, A. C. Smith, W. R.
Stewart, R. M. Young, L. S. Headley.
Name of Secretary: J. E. A. MacLeod.
Name of Treasurer: Louis S. Headley.

Mine Office: Canmore, Alberta.
General Manager: R. M. Young.
Mine Manager: W. Wilson.
Mine Surveyor: C. S. Dewis.
Overmen: Jos. Cole, A. Fox and H.
Crawford.

Fire-bosses: W. S. Appleby, J. Brown, M.
Carmichael, A. Fox, A. Knudson, A.
Kowal, W. P. Lythowski, W. Monkton,
V. Mrokwia, Jr., J. Miskow, H. Nis-
kanen, L. Riordan, B. Rogers, J.
Wardrop.

Location of Mine: N.E. $\frac{1}{4}$ Legal S.D. 1,
Sec. 29, Tp. 24, Rge. 10, W. 5th Mer.
Thickness of Seam: Morris Seam, 8ft.;
Stewart Seam, 4 to 8 ft. No. 4 Seam,
10 to 11 feet.

Inclination of Seams: Average 15 degrees.
Thickness of Cover: 350 to 1,000 feet.
Form of Opening: Slope. Size of Slope:
Stewart and Morris, 16ft. by 8ft.; No.
4 Seam, 16ft. by 8-ft.-13ft. Length of
Slopes: Stewart and Morris, 700 feet;
No. 4 Seam, 1,500 feet.

Frank Wheatley & Sons—Mine No. 1244

Mine Office: Banff, Alberta.
Mine Manager: Frank Wheatley.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 12, Sec. 4, Tp. 26,
Rge. 11, W. 5th Mer.
Thickness of Seam: 9 feet.
Inclination of Seam: 35-45 degrees.
Thickness of Cover: 400 feet.
Form of Opening: Tunnel.

CASTOR AREA

John Tyrlik—Mine No. 251

Mine Office: Heisler, Alberta.
Overman: John Tyrlik.
Mine Surveyor: David Jones.
Location of Mine: S.W. $\frac{1}{4}$ L.S. 16, Sec.
28, Tp. 42, Rge. 17, W. 4th Mer.
Thickness of Seam: 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 70 feet.
Form of Opening: Tunnel. Size of Open-
ing: 6ft. by 7ft.
Truck mine.

Bailey & Skauge—Mine No. 289

Mine Office: Gadsby, Alberta.
Overman: H. W. Jackson.
Mine Surveyor: David Jones.
Location of Mine: N.W. $\frac{1}{4}$ L.S. 11, Sec.
28, Tp. 39, Rge. 16, W. 4th Mer.
Thickness of Seam: 4 to 5 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 50 feet.
Form of Opening: Slope. Size of Slope:
5ft. by 6ft. Slope, 135 feet long.
Truck mine.

James Chiswick—Mine No. 291

Mine Office: Gadsby, Alberta.
Overman: James Chiswick.
Mine Surveyor: David Jones.
Location of Mine: S. $\frac{1}{2}$ L.S. 11, Sec. 28,
Tp. 39, Rge. 16, W. 4th Mer.
Thickness of Seam: $3\frac{1}{2}$ to 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 10 to 35 feet.
Form of Opening: Slope. Size of Slope:
6ft. by 7ft. by 75 feet long.
Truck mine.

Max LeGear—Mine No. 447

Mine Office: Forestburg, Alberta.
Overman: Max LeGear.
Mine Surveyor: David Jones.
Location of Mine: L.S. 13, Sec. 28, Tp.
40, Rge. 15, W. 4th Mer.
Thickness of Seam: $7\frac{1}{2}$ ft.
Inclination of Seam: Horizontal.
Thickness of Cover: 15 to 30 feet.
Form of Opening: Shaft. Size of Shaft:
5ft. by 6ft. Depth of Shaft: 30 feet.
Truck mine.

John Sank—Mine No. 615

Mine Office: Heisler, Alberta.
 Overman: John Sank.
 Mine Surveyor: David Jones.
 Location of Mine: S. $\frac{1}{2}$ L.S. 1, Sec. 28,
 Tp. 42, Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 70 feet.
 Form of Opening: Slope.
 Truck mine.

K. M. Coal Mine—Mine No. 666

Mine Office: Forestburg, Alberta.
 Overman: G. A. Curtis.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 2, Tp. 41,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 15 to 30 feet.
 Stripping operation. Truck mine.

O. V. Remillard—Mine No. 902

Mine Office: Castor, Alberta.
 Overman: O. V. Remillard.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 33, Tp. 37,
 Rge. 14, W. 4th Mer.
 Thickness of Seam: 4 to 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 45 feet.
 Slope: 6 by 6ft., 104 feet long.
 Truck mine.

Strickland & Partners—Mine No. 911

Mine Office: Heisler, Alberta.
 Overman: W. Strickland.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1, Sec. 33, Tp. 42,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 75 feet.
 Form of Opening: Slope. Size of Slope:
 6ft. by 6ft. Length of Slope: 104 feet.
 Truck mine.

Ben Hronek—Mine No. 913

Mine Office: Halkirk, Alberta.
 Overman: Ben Hronek.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1, Sec. 7, Tp. 39,
 Rge. 15, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 40 to 80 feet.
 Form of Opening: Slope. Size of Slope:
 6ft. by 6ft. Length of Slope: 142 feet.
 Truck mine.

C. H. Hanson—Mine No. 948

Mine Office: Rosalind, Alberta.
 Overman: Fred Ewing.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 6, Sec. 8, Tp. 43,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 feet.
 Form of Opening: Slope. Size of Slope:
 6ft. by 8ft. Length of Slope: 100 feet.
 Truck mine.

William Jones—Mine No. 953

Mine Office: Forestburg, Alberta.
 Overman: William Jones.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 32, Tp. 40,
 Rge. 15, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 34 feet.
 Form of Opening: Shaft. Size of Shaft:
 5ft. by 5ft. Depth of Shaft: 34 feet.
 Truck mine.

J. F. Cordel—Mine No. 1046

Mine Office: Halkirk, Alberta.
 Overman: J. H. Ainsworth.

Mine Surveyor: David Jones.
 Location of Mine: L.S. 6, Sec. 20, Tp. 40,
 Rge. 15, W. 4th Mer.
 Thickness of Seam: 8 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 to 40 feet.
 Form of Opening: Slope. Size of Slope:
 125 feet in length.
 Truck mine.

Chas. Strader—Mine No. 1062

Mine Office: Halkirk, Alberta.
 Overman: Chas. Strader.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 4, Sec. 17, Tp. 39,
 Rge. 15, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 35 to 75 feet.
 Form of Opening: Drift. Size of Drift:
 6ft. by 8ft.
 Truck mine.

Anthony O'Brien—Mine No. 1232

Mine Office: Halkirk, Alberta.
 Overman: A. O'Brien.
 Mine Surveyor: David Jones.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 25, Tp.
 40, Rge. 16, W. 4th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 150 feet.
 Form of Opening: Tunnel. Size of Open-
 ing: 7ft. by 7ft.
 Truck mine.

**James Wilkinson & D. Strader—
Mine No. 1237**

Mine Office: Halkirk, Alberta.
 Overman: James Wilkinson.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 11, Sec. 8, Tp. 39,
 Rge. 15, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 50 feet.
 Truck mine.

**W. T. Phillips & W. J. Phillips—
Mine No. 1240**

Mine Office: Castor, Alberta.
 Overman: W. T. Phillips.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1 & 2, Sec. 4,
 Tp. 38, Rge. 14, W. 4th Mer.
 Thickness of Seam: $4\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 46 feet.
 Form of Opening: Slope. Size of Open-
 ing: 5ft. by 5ft. Length of Slope:
 150 feet.
 Truck mine.

Thomas Mitchinson—Mine No. 1248

Mine Office: Donald, Alberta.
 Overman: Thomas Mitchinson.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 29, Tp. 41,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 to 150 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 8ft.
 Truck mine.

James Bradley—Mine No. 1349

Mine Office: Foreman, Alberta.
 Overman: James Bradley.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 16, Sec. 26, Tp. 40,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: $6\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Drift. Size of Drift:
 6ft. by 8ft.
 Truck mine.

Mrs. Dan Shaw—Mine No. 1361

Mine Office: Castor, Alberta.
 Overman: Thomas Shaw.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 9, Sec. 33, Tp. 37,
 Rge. 14, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Slope. Size of Slope:
 5ft. by 5ft. Length of Slope: 124 feet.
 Truck mine.

James Easton—Mine No. 1417

Mine Office: Castor, Alberta.
 Overman: James Easton.
 Mine Surveyor: David Jones.
 Location of Mine: N. $\frac{1}{2}$ L.S. 6 and 14,
 Sec. 34, Tp. 37 Rge. 14, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 30 to 60 feet.
 Form of Opening: Slope. Size of Slope:
 5ft. by 5ft. Length of Slope: 120 feet.
 Truck mine.

E. Lien—Mine No. 1435

Mine Office: Edberg, Alberta.
 Overman: A. Mitchinson.
 Mine Surveyor: David Jones.
 Location of Mine: S. $\frac{1}{2}$ L.S. 11, Sec. 2,
 Tp. 44, Rge. 19, W. 4th Mer.
 Thickness of Seam: 4ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Drift. Size of Drift:
 5ft. by 6ft.
 Truck mine.

J. W. Marshall—Mine No. 1441

Mine Office: Donalda, Alberta.
 Overman: J. W. Marshall.
 Mine Surveyor: J. W. Marshall.
 Location of Mine: L.S. 12, Sec. 16, Tp. 42,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 10ft. 10in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 128 feet.
 Form of Opening: Drift. Size of Open-
 ing: 7ft. by 6ft.
 Truck mine.

F. N. Wiltse—Mine No. 1485

Mine Office: Halkirk, Alberta.
 Overman: F. N. Wiltse.
 Mine Surveyor: David Jones.
 Location of Mine: N. $\frac{1}{2}$ L.S. 9, S. $\frac{1}{2}$
 L.S. 16, Sec. 31, Tp. 39, Rge. 15, W.
 4th Mer.
 Thickness of Seam: 5ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 70 feet.
 Form of Opening: Tunnel. Size of Open-
 ing: 5ft. by 6ft.
 Truck mine.

H. C. Muncy—Mine No. 1541

Mine Office: Foreman, Alberta.
 Overman: H. C. Muncy.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 26, Tp. 40,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 65 feet.
 Form of Opening: Shaft. Size of Open-
 ing: 5ft. by 5ft. Depth of Shaft: 65
 feet.
 Truck mine.

Frank E. Wilkinson—Mine No. 1572

Mine Office: Donalda, Alberta.
 Overman: Nicholas Fry.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 28, Tp. 41,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 5ft. 3in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 150 feet.

Form of Opening: Drift. Size of Open-
 ing: 5ft. by 5ft.
 Truck mine.

Bish Bros.—Mine No. 1578

Mine Office: Forestburg, Alberta.
 Overman: H. B. Campbell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 15, Sec. 36, Tp. 40,
 Rge. 16, W. 4th Mer.
 Thickness of Seam: 8 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 38 feet.
 Form of Opening: Shaft. Size of shaft:
 5ft. by 7ft. Depth of Shaft, 40 feet.
 Truck mine.

J. J. Mills—Mine No. 1587

Mine Office: Heisler, Alberta.
 Overman: J. J. Mills.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 22, Tp. 42,
 Rge. 17, W. 4th Mer.
 Thickness of Seam: 8 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Slope. Size of Slope:
 6 $\frac{1}{2}$ ft. by 7ft.
 Truck mine.

**Castor Creek Collieries, Ltd.—
Mine No. 1608**

Mine Office: Castor, Alberta.
 Foreman: William Brown.
 Location of Mine: S. $\frac{1}{2}$ L.S. 6, N. $\frac{1}{2}$
 L.S. 3, Sec. 3, Tp. 38, Rge. 14, W. 4th
 Mer.
 Thickness of Seam: 4 $\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 20 feet.
 Stripping operation. Truck mine.

Alfred Sorkin—Mine No. 1614

Mine Office: Killam, Alberta.
 Overman: Alfred Sorkin.
 Location of Mine: L.S. 16, Sec. 26, Tp.
 40, Rge. 16, W. 4th Mer.
 Thickness of Seam: 6 $\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Stripping operation. Truck mine.

CHAMPION AREA**A. M. S. McGaw—Mine No. 1509**

Mine Office: Champion, Alberta.
 Overman: A. M. S. McGaw.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: L.S. 16, Sec. 33, Tp.
 15, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3ft. to 3ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 65 feet.
 Form of Opening: Slope. Size of Open-
 ing: 6ft. by 5ft. Length of Slope,
 155 feet.
 Truck mine.

Mike Popovich—Mine No. 1565

Mine Office: Champion, Alberta.
 Overman: W. E. Watkins.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: L.S. 9, Sec. 8, Tp. 16,
 Rge. 13, W. 4th Mer.
 Thickness of Seam: 3ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 105 feet.
 Form of Opening: Slope. Size of Slope:
 6ft. by 6ft. Length of Slope: 250 feet.
 Truck mine.

COALSPUR AREA**The Sterling Collieries Co., Ltd.—
Mine No. 769**

Authorized Capital: \$500,000.
 Name of President: R. H. Munson.
 Names of Directors: C. B. Munson, R. H.
 Milner, W. F. Stevenson, S. W. Field,
 F. J. Mitchell.

Name of Secretary-Treasurer: F. J. Mitchell.
 Head Office: 912 McLeod Building, Edmonton, Alberta.
 Mine Office: Sterco, Alberta.
 Manager: J. Halroyd.
 Mine Surveyor: R. H. Watson.
 Location of Mine: L.S. 12, Sec. 35, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: 50 to 120 feet.
 Thickness of Cover: 15 to 75 feet.
 Open pit strip operation, Mine on Canadian National Railway.

**The Foothills Collieries, Ltd.—
 Mine No. 771**

Authorized Capital: \$300,000.
 Name of President: A. E. Windatt.
 Names of Directors: E. H. Bennest, Vice-President; Hon. S. R. Vereker, F. S. Andrews, H. Wallace.
 Name of Secretary-Treasurer: C. D. Shepard.
 Office of Secretary: 222 Portage Ave., Winnipeg, Man.
 Mine Office: Foothills, Alberta.
 General Manager: A. E. Windatt.
 Asst. General Manager: W. L. Hammett.
 Mine Manager: Wm. Morris.
 Mine Surveyor: L. C. Stevens.
 Overman: E. Griffiths.
 Firebosses: J. E. Mitchell, P. Kiernan, R. Tomkins.
 Location of Mine: L.S. 10, Sec. 24, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: 9 feet.
 Inclination of Seam: 20 to 25 degrees.
 Thickness of Cover: 820 feet.
 Form of Opening: Slope. Size of Slope: 10ft. by 12ft. Length of Slope: 1,650 ft.
 Mine on C.N.R.

Lakeside Coals, Ltd.—Mine No. 775

Authorized Capital: \$660,000.
 Name of President: E. A. McBain.
 Names of Directors: E. A. McBain, W. W. McBain, W. A. McBain, W. Foster.
 Name of Secretary: W. A. McBain.
 Head Office: 93rd St. and Jasper Ave., Edmonton, Alberta.
 Mine Office: Robb, Alberta.
 Mine Surveyor: Wm. Foster.
 Mine Manager: John Brady.
 Overman: Dan Jones.
 Firebosses: W. Birrell, Wm. Thirwell.
 Location of Mine: L.S. 3, Sec. 14, Tp. 49, Rge. 21, W. 5th Mer.
 Thickness of Seam: 8ft. 6in.
 Inclination of Seam: 32 degrees.
 Thickness of Cover: 800 feet.
 Form of Opening: Slope. Size of Slope: 8ft. by 11ft. Length of Slope: 1,200 ft.
 Mine on C.N.R.

**McLeod River Hard Coal Co. (1941), Ltd.
 —Mine No. 846**

Authorized Capital, 100,000 share without nominal or par value.
 Name of President: J. A. Boyd.
 Names of Directors: J. A. Boyd, R. W. Steele, Arthur Cross, George Kidd, Gordon Cockshutt.
 Name of Secretary-Treasurer: S. V. Isaacson.
 Head Office: Toronto, Ont.
 Mine Office: Mercoal, Alberta.
 General Manager: H. R. Plommer.
 Mine Manager: Wm. Stevenson.
 Mine Surveyor: Wm. Stevenson.
 Overmen: E. Jones, J. Rochester.
 Firebosses: E. Fregren; J. Herpshaw, J. Parry, A. Reynolds, J. Price, J. Lidgett, H. McQueen, J. McLellan.
 Location of Mine: L.S. 5 Sec. 25, Tp. 48, Rge. 22, W. 5th Mer.
 Thickness of Seam: 11 feet.
 Inclination of Seam: 33 degrees.
 Thickness of Cover: 600 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 8ft. Length of Slope, 1,000 ft.
 Mine on C.N.R.

**Coal Valley Mining Co., Ltd.—
 Mine No. 1002**

Authorized Capital: \$1,000,000.
 Name of President: (Mrs.) Annette L. Barry.
 Names of Directors: Mrs. A. L. Barry, P. H. Cote, A. J. McCormach, Hon. A. Blais, M.D., C. E. Davignon, E. T. Bishop, K.C., C. H. Branchaud, G. A. Thibault.
 Name of Secretary-Treasurer: Paul H. Cote.
 Head Office: 705 McLeod Building, Edmonton, Alberta.
 Mine Office: Coal Valley, Alberta.
 General Manager: Mrs. A. L. Barry.
 Mine Manager and Surveyor: L. G. Chavignaud.
 Location of Mine: L.S. 16, Sec. 26, Tp. 47, Rge. 20, W. 5th Mer.
 Thickness of Seam: Indefinite.
 Thickness of Cover: 15 to 75 feet.
 Stripping operation on C.N.R.

Thirty-two Collieries, Ltd.—Mine No. 1157

Authorized Capital: \$100,000.
 Name of President: David Millar.
 Names of Directors: D. Millar, A. M. Matheson, B. A. Ogilvie.
 Name of Secretary: A. M. Matheson.
 Head Office: 308 Agency Building, Edmonton, Alberta.
 Mine Office: Mile 32, Robb, Alberta.
 Mine Manager: David Millar.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 11, Sec. 15, Tp. 49, Rge. 21, W. 5th Mer.
 Thickness of Seam: 10ft. 8in.
 Inclination of Seam: 36°40'.
 Thickness of Cover: 450 feet.
 Form of Opening: Slope. Size of Slope: 9ft. by 12ft. Length of Slope: 500 ft.
 Mine on C.N.R.

CROWSNEST AREA

**West Canadian Collieries, Ltd.—
 Mine No. 87**

Authorized Capital: \$3,600,000.
 Name of President: Edouard Rasson.
 Names of Directors: A. E. Whitmore, Hon. Chas. Dunning, Da Silva Ramos, De Gaspe Beaubien.
 Name of Secretary-Treasurer: J. A. Brusset.
 Head Office: 833 Salisbury House, London, E.C. 2, England.
 Mine Office: Bellevue, Alberta.
 General Manager: A. A. Millar.
 Mine Manager: M. H. Congdon.
 Mining Engineers or Surveyors: F. W. Utley and R. G. Foot.
 Overman: Dan Rees.
 Firebosses: D. Hutton, W. Prescott, J. R. McLeod, H. Kaye, K. Woolney, D. Morris, I. Hutton, C. Young, G. Cousens, A. Grant, J. D. Morrison, J. Budda.
 Location of Mine: L.S. 10, Sec. 20, Tp. 7, Rge. 3, W. 5th Mer.
 Thickness of Seam: 12 feet.
 Inclination of Seam: 10 to 48 degrees.
 Thickness of Cover: 775 feet.
 Form of Opening: Adit level.
 Mine on C.P.R.

**International Coal & Coke Co., Ltd.—
 Mine No. 88**

Authorized Capital: \$3,000,000.
 Name of President: Lorne A. Campbell.
 Names of Directors: L. A. Campbell, Hugh Davidson, H. A. Howard, G. M. Warren, A. F. Short, James Black, W. M. Lindsay, A. L. Johnson.
 Name of Secretary: A. F. Short.
 Name of Treasurer: J. Emmerson.
 General Manager: J. J. McIntyre.
 Mine Manager: James Kellock.
 Mine Surveyor: A. A. Fraser.
 Overman: A. J. Brown.

Firebosses: N. Fleming, J. C. Richards, E. Hill, J. Hillary, J. V. Fraser, A. J. Phillips, T. Flynn, A. Jones, J. Moore, A. Tiberghien, W. Fraser, Jr., J. Marconi, T. Mitchell.

Location of Mine: L.S. 11, Sec. 8, Tp. 8, Rge. 4, W. 5th Mer.

Thickness of Seams: No. 2 Seam, 11 feet; No. 4 Seam 5 feet.

Inclination of Seam: 30 degrees.

Thickness of Cover: 1,200 feet.

Form of Opening: Rock tunnel. Size of Opening: 6ft. by 9ft. Length of Slope: 2,400 feet.

Mine on C.P.R.

Hillcrest-Mohawk Collieries, Ltd.— Mine No. 133

Authorized Capital: \$1,250,000.

Name of President: Frank J. Turville.

Names of Directors: F. J. Turville, T. M. Carlyle, W. L. Carlyle, Geo. Montgomery, F. J. Harquail, Eric Richardson, A. J. Davies, A. C. Johnson.

Name of Secretary: Frank J. Harquail.

Names of Joint Treasurers: Eric Richardson and F. J. Harquail.

Head Office: 903 Lancaster Building, Calgary, Alberta.

Mine Office: Bellevue, Alberta.

General Manager: D. B. Young.

Mine Manager: Henry Miller.

Mine Surveyor: A. E. Williams.

Overman: J. Ironmonger.

Firebosses: Alfred White, John Shearer, John McDade, Richard Clarke, John Curry, J. Dudley, N. Morrison, J. Griffiths, J. Gresel, R. Kerr, A. Bianchini, L. Lonini, S. Lesson, J. Madison.

Location of Mine: S.E. $\frac{1}{4}$, Sec. 21, Tp. 7, Rge. 3, W. 5th Mer.

Thickness of Seam: 10 to 16 feet.

Inclination of Seam: 10 to 45 degrees.

Thickness of Cover: 1,000 feet.

Form of Opening: Rock tunnel.

Mine on C.P.R.

Matt Wood—Mine No. 199

Mine Office: Beaver Mines, Alberta.

Overman: M. Wood.

Location of Mine: L.S. 10, Sec. 3, Tp. 6, Rge. 3, W. 5th Mer.

Thickness of Seam: 6 feet.

Inclination of Seam: 25 to 35 degrees.

Thickness of Cover: 250 feet.

This mine being re-opened.

McGillivray Creek Coal & Coke Co., Ltd.—Mine No. 204

Authorized Capital: \$3,000,000.

Name of President: Lorne A. Campbell.

Names of Directors: L. A. Campbell, H. A. Thoeny, H. A. Howard, G. M. Warren, W. M. Lindsay, A. L. Johnson.

General Manager: J. J. McIntyre.

Name of Treasurer: S. C. Short.

Mine Office: Coleman, Alberta.

Mine Manager: L. M. McDonald.

Mine Surveyor: A. E. Graham.

Overmen: H. Hulbert and J. Jackson, Sr.

Firebosses: E. Allen, A. Beveridge, A. Galbraith, W. Hopkins, A. Hughes, I. A. James, R. Morris, A. McCulloch, R. Parry, J. McCullough, W. Lonsbury, H. Urwin.

Location of Mine: S.W. $\frac{1}{4}$ L.S. 2, Sec. 17, Tp. 8, Rge. 4, W. 5th Mer.

Thickness of Seam: 10 feet.

Inclination of Seam: 25 degrees.

Thickness of Cover: 1,600 feet.

Form of Opening: Slope. Size of Slope: 7ft. by 10ft. Length of Slope: 3,800 ft.

Mine on C.P.R.

West Canadian Collieries, Ltd.— Mine No. 396

Same particulars as for Mine No. 87.

Mine Office: Blairmore, Alberta.

Mine Manager: H. Blake.

Mine Surveyor: T. E. Morgan.

Overman: Marshall T. Hamilton.

Firebosses: S. Patterson, W. North, C. C. Millar, John McAndrew, Jr., Wm. Patterson, Stanley Price, C. Cartwright, J. Patterson, A. Womersley, R. Draper, M. Aschacker, R. Oakes, G. Erikson, R. Blake, J. Davies, D. McLafferty, A. Liberg, A. Rae, G. Blas, J. McLissac, M. Trevelthin.

Location of Mine: L.S. 10, Sec. 2, Tp. 8, Rge. 4, W. 5th Mer.

Thickness of Seam: 5 to 16 feet.

Inclination of Seam: 40 degrees.

Thickness of Cover: 1,000 feet.

Form of Opening: Adit level.

Mine on C.P.R.

West Canadian Collieries, Ltd.— Mine No. 1584

Same particulars.

Location of Mine: L.S. 15, Sec. 31, Tp. 6, Rge. 3, W. 5th Mer.

Mine Manager: W. Goodwin.

Firebosses: C. McDonald, J. Brooks.

DRUMHELLER AREA

Rosedale Collieries, Ltd.—Mine No. 346

Authorized Capital: 20,000 shares, no par value.

Name of President: John R. Brodie.

Names of Directors: J. R. Brodie, B. C. Parker, H. F. Liggins, F. H. Nord, J. F. Harvie.

Name of Secretary-Treasurer: J. Frank Harvie.

Head Office: 909 Lancaster Building, Calgary, Alberta.

Mine Office: Rosedale, Alberta.

Manager: R. Richards.

Mine Manager: T. Rappell.

Mine Surveyor: R. Richards.

Overman: J. Gallagher.

Firebosses: J. Zamas, Roberts, Sladek, Kormendy.

Location of Mine: L.S. 14, Sec. 28, Tp. 28, Rge. 19, W. 4th Mer.

Thickness of Seam: 4 to 5 feet.

Inclination of Seam: Horizontal.

Thickness of Cover: 150 feet.

Form of Opening: Shaft. Size of Shaft: 11ft. by 15ft. Depth of Shaft: 45 ft.

Midland Coal Mining Co.—Mine No. 367

Authorized Capital: \$50,000.

Name of President and Managing Director: Mrs. S. L. McMullen.

Names of Directors: Mrs. S. L. McMullen, G. T. Richards, W. R. Sandercock.

Name of Secretary: S. G. McMullen.

Head Office: Drumheller, Alberta.

Mine Office: Midlandvale, Alberta.

General Manager: T. Richards.

Mine Manager: A. G. Macaulay.

Mine Surveyor: A. G. Macaulay.

Overman: G. Nichol.

Firebosses: M. Morel, H. Looten, J. Oxbury, A. McKinnon, M. Bobrosky, T. Gibson, M. Hilary, E. Jones, S. Judd, J. Petit, J. McGowan.

Location of Mine: L.S. 10 and 11, Sec. 9, Tp. 29, Rge. 20, W. 4th Mer.

Thickness of Seam: 5½ feet.

Inclination of Seam: Horizontal.

Thickness of Cover: Up to 520 feet.

Form of Opening: Shaft. Size of Shaft: 9ft. by 19ft. Depth of Shaft: 135 feet.

Mine located on C.N.R.

Red Deer Valley Coal Co., Ltd.— Mine No. 402

Authorized Capital: \$347,000.

Name of President: Miss Edith Howland.

Names of Directors: Miss Edith Howland, W. S. Howland, H. J. Scott.

Name of Secretary: H. J. Scott.

Head Office: 227a 8th Ave. W., Calgary, Alberta.

Mine Office: Nacmine, Alberta.

General Manager: H. J. Scott.

Mine Manager: Idwal N. Potter.
 Mine Surveyor: Gordon L. Kidd.
 Overmen: George Lavis, J. Barrie.
 Firebosses: R. Vlack, G. Cumberford, J. Young, W. Hanson, J. Coutrelle, J. Thompson.
 Location of Mine: N.E. $\frac{1}{4}$ Rd. Allow. Sec. 7, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 550 feet.
 Form of Opening: Shaft. Size of Shaft: 15ft. by 8ft. Depth of Shaft: 185 feet.
 Mine located on C.P.R.

Commander Coal Co.—Mine No. 422

Authorized Capital: \$20,000.
 Name of President: Dr. O. H. Patrick.
 Names of Directors: Dr. O. H. Patrick, L. Patrick, Mrs. L. F. Patrick, Mrs. G. Patrick, Mrs. L. Eaton.
 Name of Secretary: L. Patrick.
 Mine Office: Drumheller, Alberta.
 Mine Manager: H. W. Clark.
 Mine Surveyor: H. W. Clark.
 Mine Overman: D. Mayoh.
 Firebosses: R. Halbert, J. Page, W. Morris, W. Dropko.
 Location of Mine: L.S. 5, Sec. 9, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 520 feet.
 Form of Opening: Shaft. Size of Shaft: 14ft. by 8ft. Depth of Shaft: 160 feet.
 Mine located on C.P.R.

Rosedale Collieries, Ltd. (Star Mine) —Mine No. 436

Same particulars as for No. 346.
 Mine Office: Aerial, Alberta.
 Manager: W. Hibberts.
 Mine Surveyor and Mine Manager: Thos. O'Donnell.
 Overman: D. Jones.
 Firebosses: I. Radocy, E. Davies, K. Rodocy, J. Cilko.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 7, Sec. 28, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 150 feet.
 Form of Opening: Level. Size of Level: 6ft. by 9ft.

Newcastle Collieries, Ltd.—Mine No. 620

Authorized Capital: \$300,000.
 Name of President: G. N. Coyle.
 Name of Vice-President: Wilson Gouge.
 Names of Directors: Jesse Gouge, Wilson Gouge, G. N. Coyle.
 Name of Secretary-Treasurer: Jesse Gouge.
 General Manager: Wilson Gouge.
 Mine Office: Drumheller, Alberta.
 Mine Manager and Surveyor: A. Hamilton.
 Overman: A. Burrell.
 Firebosses: R. Forshaw, N. Blackett, C. Dunn, A. Armstrong, B. Henry.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 3, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 450 to 490 feet.
 Form of Opening: Shaft. Size of Shaft: 9ft. by 16ft. Depth of Shaft: 120 feet.
 Mine located on C.N.R.

Mape Leaf Minerals, Ltd.—Mine No. 728

Authorized Capital: \$500,000.
 Name of President: Wilson Gouge.
 Names of Directors: Wilson Gouge, Jesse Gouge, Helen Gibson.
 Name of Secretary-Treasurer: Jesse Gouge.
 Head Office: Drumheller, Alberta.
 Mine Office: East Coulee, Alberta.
 General Manager: Jesse Gouge.

Mine Manager: J. Robertson.
 Mine Surveyor: Allan Hamilton.
 Overman: J. McCutcheon.
 Firebosses: P. Hunt, W. McFegan, J. Tennant, E. Harris, F. Kane, P. Barclay.
 Location of Mine: L.S. 13, Sec. 32, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5ft. 6in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 325 feet.
 Form of Opening: Drift.
 Mine located on C.P.R.

Ideal Coal Co., Ltd.—Mine No. 844

Authorized Capital: \$150,000.
 Name of President: Thomas M. McGuckie.
 Name of Director: Thomas M. McGuckie.
 Name of Secretary-Treasurer: Mrs. E. Bandel.
 Name of Manager: Thomas M. McGuckie.
 Mine Surveyor: Duncan McDonald.
 Mine Office: Wayne, Alberta.
 Location of Mine: L.S. 16, Sec. 1, Tp. 28, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5ft. 5in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 150 feet.
 Form of Opening: Slope. Size of Opening: 8ft. by 14ft. Length of Slope: 160 feet.
 Mine located on C.N.R.

O. W. Whittaker—Mine No. 1117

Mine Office: Beynon, Alberta.
 Overman: O. W. Whittaker.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 3, Sec. 6, Tp. 28, Rge. 20, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Slope.

Brilliant Coal Company—Mine No. 1258

Mine Office: Drumheller, Alberta.
 Name of Secretary: G. H. Chambers.
 Mine Manager: R. Dunn.
 Overman: J. Saunt.
 Mine Surveyor: Gordon L. Kidd.
 Firebosses: A. Klulza, J. Zambo, J. Wakarak.
 Location of Mine: L.S. 14, Sec. 10, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 450 to 490 feet.
 Form of Opening: Shaft and slope. Size of Shaft: 8ft. by 12ft., 120 feet in depth. Size of Slope: 6 feet.
 Mine located on C.N.R.

Empire Collieries, Ltd.—Mine No. 1299

Authorized Capital: \$50,000.
 Name of President: — McKay.
 Names of Directors: Sask. Federated Cooperatives.
 Head Office: 506 Lancaster Building, Calgary, Alberta.
 Mine Office: East Coulee, Alberta.
 General Manager: J. W. Moyer.
 Mine Manager: W. Barclay.
 Mine Surveyor: L. C. Stevens.
 Overman: T. Sinclair.
 Firebosses: W. Kay, S. Mitchell, J. Thompson.
 Location of Mine: L.S. 2, Sec. 32, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: $5\frac{1}{2}$ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 325 feet.
 Form of Opening: Adit $5\frac{1}{2}$ by 10 ft.
 Mine located on C.P.R.

Hy-Grade Coal Mining Co., Ltd.— Mine No. 1421

Authorized Capital: \$100,000.
 Name of President: Robert McKay.
 Names of Directors: Robert McKay; J. G. Dewar, F. J. Whitlock.

Name of Secretary-Treasurer: F. J. Whitlock.
 Acting General Manager: F. J. Whitlock.
 Mine Manager: John T. Burton.
 Overman: P. J. Murphy.
 Mine Surveyor: A. G. Macaulay.
 Firebosses: W. Menzies, J. Taylor, G. Wheatcroft, F. Keough, J. Owens.
 Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 4 to 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Approximately 500 feet.
 Form of Opening: Shaft. Size of Shaft: 9ft. by 15ft. Depth of Shaft: 88 feet.
 Mine located on C.N.R.

The Monarch Coal Mining Co., Ltd.
 —Mine No. 1473

Authorized Capital: \$70,000.
 Name of President: E. A. Lovett.
 Names of Directors: E. A. Lovett, P. R. Shields, T. C. Boyd, E. B. Gibb, H. A. Lovett, K. C.
 Name of Secretary-Treasurer: E. B. Gibb.
 Head Office: Wells Block, 405 8th Ave. W., Calgary, Alberta.
 Mine Office: Drumheller, Alberta.
 General Manager: E. A. Lovett.
 Mine Manager: T. Campbell.
 Mine Surveyor: A. Wilson.
 Overman: W. McDonald.
 Firebosses: G. Anderson, N. Roberts, A. Black, F. Simpson, J. Fulton, E. Marsh.
 Location of Mine: L.S. 7, Sec. 8, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 520 feet.
 Form of Opening: Slope. Size of Slope: 6ft. by 9ft. Length of Slope: 600 feet.
 Mine on C.P.R.

Regal Coal Co., Ltd.—Mine No. 1484

Same particulars as for Mine No. 422.
 Mine Office: East Coulee, Alberta.
 Mine Manager: A. Wilson.
 Overman: A. Thompson.
 Firebosses: J. Raisbeck, A. Andrews, R. Chalmers, R. Ressig, J. Bachynski.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 13, Sec. 21, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5ft. 6in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 325 feet.
 Form of Opening: Drift. Size of Opening: 7ft. by 16ft.
 Mine on C.P.R.

Murray Collieries, Ltd.—Mine No. 1491

Authorized Capital: \$100,000.
 Name of President: H. K. Reed.
 Names of Directors: H. K. Reed, H. H. McVeigh.
 Name of Secretary-Treasurer: H. K. Reed.
 Head Office: Drumheller, Alberta.
 Mine Office: East Coulee, Alberta.
 General Manager: H. H. McVeigh.
 Mine Manager: H. McKinnon.
 Mine Surveyor: Gordon L. Kidd.
 Overman: T. McDonald.
 Firebosses: J. Cotterill, R. Steven, A. James, Martin Stanko.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 29, Tp. 27, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5ft. 2in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 325 ft. max.
 Form of Opening: Tunnel. Size of Opening: 16ft. by 7ft.
 Mine on C.P.R.

Western Gem & Jewel Collieries, Ltd.
 —Mine No. 1493

Authorized Capital: \$750,000.
 Name of President: W. S. Henderson.

Names of Directors: J. D. Henderson, Stewart Robertson, W. P. Camble, W. B. Cromarty, J. F. Baron.
 Name of Secretary-Treasurer: J. D. Henderson.
 Head Office: 227 8th Ave. W., Calgary, Alberta.
 Mine Office: Cambria P.O., Alberta.
 Managing Director: W. S. Henderson.
 Mine Manager: N. Howells.
 Mine Surveyor: J. R. Whigham-Teasdale.
 Overman: T. Gordon.
 Firebosses: K. Klatt, T. Coxon, T. Gordon, J. Redpath.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 6, Sec. 15, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 200 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 9ft.

Aetna Coal Co.—Mine No. 1511

Head Office: Drumheller, Alberta.
 Mine Office: East Coulee, Alberta.
 Mine Manager: P. M. Ramsay.
 Mine Surveyor: A. Hamilton.
 Fireboss: None.
 Location of Mine: L.S. 1, Sec. 22, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 400 feet max.
 Form of Opening: Drift. Size of Opening: 6ft. by 9ft.
 Mine on C.P.R.

E. B. Foye—Mine No. 1515

Mine Office: Willow Creek, Alberta.
 Overman: E. B. Foye.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 10, Sec. 22, Tp. 28, Rge. 18, W. 4th Mer.
 Thickness of Seam: 3½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 400 feet.
 Form of Opening: Drift. Size of Opening: 5ft. by 6ft.
 Truck mine.

The Minute Coal Co.—Mine No. 1520

Name of Secretary-Treasurer: J. A. McKenzie.
 Mine Office: Drumheller, Alberta.
 General Manager: J. A. McKenzie.
 Overman: B. T. Brooks.
 Mine Surveyor: A. G. Macaulay.
 Location of Mine: L.S. 7, Sec. 14, Tp. 29, Rge. 20, W. 4th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 200 feet.
 Form of Opening: Tunnel. Size of Opening: 5ft. by 6ft.
 Truck to C.N.R.

Castle Coal Co., Ltd.—Mine No. 1544

Mine Office: Wayne, Alberta.
 Manager: John Blair.
 Mine Surveyor: D. Jones.
 Location: L.S. 16, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 9ft.
 Inclination of Seam: Horizontal.

Sovereign Coal Co., Ltd.—Mine No. 1570

Head Office: 703 Canada Bldg., Saskatoon, Sask.
 Mine Office: Wayne, Alberta.
 General Manager: W. A. Doyle.
 Overman: R. M. Raisbeck.
 Mine Surveyor: A. G. Macaulay.
 Location of Mine: N.E. $\frac{1}{4}$ L.S. 8, Sec. 7, Tp. 28, Rge. 19, W. 4th Mer.
 Thickness of Seam: 9 feet.
 Inclination of Seam: Horizontal.
 New prospect opening up.

The Monarch Coal Mining Co., Ltd.
—Mine No. 1573

Same particulars as for Mine No. 1473.
Overman: J. Harries.
Firebosses: R. Cowan, I. Folden, P. Hutchison, R. Wolee.
Location of Mine: L.S. 1, Sec. 20, Tp. 27, Rge. 18, W. 4th Mer.

John Hamilton—Mine No. 1583

Mine Office: Delia, Alberta.
Overman: John Hamilton.
Mine Surveyor: J. R. Whigham-Teasdale.
Location of Mine: L.S. 8 and 9, Sec. 23, Tp. 28, Rge. 18, W. 4th Mer.
Thickness of Seam: 3ft. 5in.
Inclination of Seam: Horizontal.
Thickness of Cover: 300 feet.
Form of Opening: Drift. Size of Opening: 6ft. by 7ft.
Truck mine.

Arcadia Coal Mines, Ltd.—Mine No. 1589
Same particulars as for Empire Collieries, Ltd.

Overman: R. Stevenson.
Mine Surveyor: Gordon L. Kidd.
Location of Mine: L.S. 16, Sec. 7, Tp. 28, Rge. 18, W. 4th Mer.
Thickness of Seam: 2ft. 10in.
Inclination of Seam: Horizontal.
New mine being opened out.

Burn-Brite Coal Co.—Mine No. 1599

Mine Office: Drumheller, Alberta.
Manager: Worked spasmodically by S. B. Foye.
Mine Surveyor: A. G. Macaulay.
Location of Mine: Sec. 22, Tp. 28, Rge. 18, W. 4th Mer.
Thickness of Seam: 3 feet.
Inclination of Seam: Horizontal.
Stripping operation. Truck mine.

EDMONTON AREA

H. W. Smith (White Star Mine)—
Mine No. 29

Mine Office: 10806 84th Ave., Edmonton, Alberta.
Overman: B. Nugent.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: $4\frac{1}{2}$ to $5\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 29 to 125 feet.
Form of Opening: Slope. Size of Opening: 5ft. by 7ft. Length of Slope: 100 feet.
Truck mine.

Ottewell Coal Co.—Mine No. 91

Authorized Capital: \$25,000.
Mine Office: Clover Bar, Alberta.
General Manager: W. J. Ottewell.
Mine Surveyor: L. C. Stevens.
Overman: Sam Finlay.
Location of Mine: S.W. $\frac{1}{4}$ L.S. 4, Sec. 17, Tp. 53, Rge. 23, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 55 feet.
Form of Opening: Shaft. Size of Opening: 7ft. by 8ft. Depth of Shaft: 55 ft.

Great West Coal Co., Ltd.—Mine No. 99

Authorized Capital: \$150,000.
Name of President: James C. Dunn.
Names of Directors: J. C. Dunn, W. S. Cupples, A. C. Dunn.
Name of Secretary-Treasurer: Thomas S. Campbell.
Head Office: 10117 100A St., Edmonton, Alberta.
Mine Office: Clover Bar, Alberta.
Mine Manager: Robert Dalziel.
Mine Surveyor: A. C. Dunn.
Overman: D. R. Thomas.

Firebosses: R. McAndrew; J. Chalmers, A. Johnson, W. Dalziel, J. D. Thomson.
Location of Mine: S.E. $\frac{1}{4}$ L.S. 10, Sec. 7, Tp. 53, Rge. 23, W. 4th Mer.
Thickness of Seam: 4 to 7 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 135 feet.
Form of Opening: Two shafts and two slopes. Main Slope. 6ft. by 10ft. Length of Slope: 456 feet.

John Camarta (Alberta Coal Mine)
—Mine No. 129

Mine Office: Cardiff, Alberta.
Overman: J. Camarta.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 16, Sec. 23, Tp. 55, Rge. 25, W. 4th Mer.
Thickness of Seam: 7 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 32 feet.
Form of Opening: Slope. Size of Opening: 7ft. by 7ft. Length of Slope: 150 feet.
Truck mine.

Frank Chiarello (Legal Coal Mine)
—Mine No. 351

Mine Office: Legal, Alberta.
Overman: Frank Chiarello.
Mine Surveyor: L. C. Stevens.
Location of Mine: S.W. $\frac{1}{4}$, Sec. 25, Tp. 57, Rge. 25, W. 4th Mer.
Thickness of Seam: $5\frac{1}{2}$ to 6 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 28 feet.
Form of Opening: Shaft. Size of Opening: 6ft. by 8ft. Depth of Shaft: 28 ft.
Truck mine.

Banner Coals, Ltd.—Mine No. 428

Authorized Capital: \$20,000.
Name of President: J. B. Starky.
Name of Secretary: Ethel Mills.
Head Office: 10631 92nd St., Edmonton, Alberta.
Main Office: Carbondale, Alberta.
General Manager: J. B. Starky.
Mine Manager: N. Howells.
Mine Surveyor: L. C. Stevens.
Overman: Joe Kennedy.
Location of Mine: L.S. 10, Sec. 8, Tp. 55, Rge. 24, W. 4th Mer.
Thickness of Seam: 5ft. 3in.
Inclination of Seam: Horizontal.
Thickness of Cover: 176 feet.
Form of Opening: Shaft. Size of Shaft: 6ft. by 8ft. Depth of Shaft: 176 feet.
Truck mine and on Northern Alberta Ry.

H. Molzan (Black Point Mine)—
Mine No. 1034

Mine Office: Edmonton South, Alberta.
Overman: H. Molzan.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 6, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
Thickness of Seam: $4\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 139 feet.
Form of Opening: Slope. Size of Slope: 7ft. by 6ft. Length of Slope: 200 feet.
Truck mine.

Long Coal Co.—Mine No. 1098

Name of President: M. L. Vitaly.
Name of Director: Mrs. M. L. Vitaly.
Name of Secretary: M. L. Vitaly.
Mine Office: Nanao, Alberta.
Overman: M. L. Vitaly.
Mine Surveyor: L. C. Stevens.
Location of Mine: S.E. $\frac{1}{4}$ L.S. 4, Sec. 31, Tp. 54, Rge. 24, W. 4th Mer.
Thickness of Seam: 5ft. 5in. to 7ft.
Inclination of Seam: Horizontal.
Thickness of Cover: 85 feet.
Form of Opening: Drift. Size of Opening: 6ft. by 8ft.
Truck mine.

Mike Sinoski—Mine No. 1233

Authorized Capital: \$4,000.
 Name of Secretary-Treasurer: Mike Sinoski.
 Mine Office: Box 4042, South Edmonton, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Steve Sinoski.
 Location of Mine: L.S. 5, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4 to 5½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 30 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 6ft. Length of Slope: 72 ft.
 Truck Mine.

Edmonton Collieries, Ltd.—Mine No. 1266

Authorized Capital: \$20,000.
 Name of President: William G. MacKay.
 Names of Directors: W. C. MacKay, W. G. MacKay, C. C. Down, H. W. Layton.
 Name of Secretary-Treasurer: H. W. Layton.
 Head Office: 10055 101st St., Edmonton, Alberta.
 Mine Office: Namao, Alberta.
 General Manager: W. C. MacKay.
 Mine Surveyor: L. C. Stevens.
 Overman: Alex. Johnstone.
 Location of Mine: L.S. 14, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.
 Thickness of Seam: 7ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 92 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 7ft. Length of Slope: 150 feet.
 Located on Northern Alberta Railway; also truck mine.

Ellerslie Collieries—Mine No. 1297

Mine Office: R.R. No. 3, Edmonton South, Alberta.
 Overman: J. Hutton.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 1, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 96 feet.
 Form of Opening: 200 feet. Size of Opening: 6ft. by 8ft. Length of Slope: 200 feet.

Samis Collieries—Mine No. 1316

Name of Secretary: Mrs. O. L. Samis.
 Name of Treasurer: Kenneth E. Samis.
 Mine Office: Namao, Alberta.
 General Manager: Kenneth E. Samis.
 Mine Surveyor: L. C. Stevens.
 Overman: Elmer Fawcett.
 Location of Mine: L.S. 6, Sec. 36, Tp. 54, Rge. 25, W. 4th Mer.
 Thickness of Seam: 7½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 26 to 80 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 5½ ft. Length of Slope: 80 feet.
 Truck mine.

Horkulak & Riddock (Twin City Mine)—Mine No. 1352

Mine Office: Edmonton South, Alberta.
 Overman: A. H. Horkulak.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 8, Sec. 26, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 110 feet.
 Form of Opening: Shaft. Size of Opening: 6ft. by 6ft. Depth of Shaft: 110 feet.
 Truck mine.

Red Hot Coal Co., Ltd.—Mine No. 1357

Authorized Capital: \$23,000.
 Name of President: W. Fridel.
 Name of Secretary-Treasurer: J. Lang.
 Mine Office: Forest Heights, Edmonton, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: John Thomson.
 Fireboss: C. Crawford.
 Location of Mine: River Lot 33, Edmonton Settlement.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 66 to 115 feet.
 Form of Opening: Slope. Size of Opening: 6½ft. by 6ft. Length of Slope: 180 feet.
 Truck mine.

Beverly Coal Co., Ltd.—Mine No. 1366

Authorized Capital: \$100,000.
 Name of President: E. I. Clarke.
 Names of Directors: E. I. Clarke, E. I. Clarke, Jr., Mrs. E. I. Clarke.
 Name of Secretary: E. I. Clarke, Jr.
 Name of Treasurer: E. I. Clarke.
 Mine Office: Beverly, Alberta.
 General Manager: E. I. Clarke.
 Mine Manager: Thomas Brown.
 Mine Surveyor: L. C. Stevens.
 Overman: J. F. Brown.
 Fireboss: L. A. Williams.
 Location of Mine: L.S. 6, Sec. 13, Tp. 53, Rge. 24, W. 4th Mer.
 Thickness of Seam: 4 to 6 ft.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 160 feet.
 Form of Opening: Rectangular shaft.
 Size of Shaft: 8ft. by 14ft. Depth of Shaft: 160 feet.
 Truck mine.

Ottewell Coal Co.—Mine No. 1393

Same particulars as for Mine No. 91.
 Overman: Cedric Ottewell.
 Location of Mine: Block X N.E. ¼, Sec. 36, Tp. 52, Rge. 24, W. 4th Mer.
 Thickness of Seam: 4½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 85 feet.
 Form of Opening: Shaft. Size of Shaft: 8ft. by 9ft. Depth of Shaft: 85 feet.
 Truck mine.

Pine Creek Coal Co.—Mine No. 1419

Mine Office: R.R. No. 3, Edmonton South, Alberta.
 Overman: M. Sinoski.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 4, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 94 to 127 feet.
 Form of Opening: Shaft. Size of Opening: 7ft. by 7ft. Depth of Shaft: 94 ft.
 Truck mine.

Kent Coal Co., Ltd.—Mine No. 1427

Same particulars as for Mine No. 428.
 Mine Office: Cooking Lake Trail, Edmonton, Alberta.
 Mine Manager: W. T. Worthington.
 Mine Surveyor: L. C. Stevens.
 Overman: Jack Hutton.
 Firebosses: J. Reed and S. Kendrick.
 Location of Mine: L.S. 4, Sec. 30, Tp. 52, Rge. 23, W. 4th Mer.
 Thickness of Seam: 3ft. 9in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 168 feet.
 Form of Opening: Shaft. Size of Opening: 12ft. by 8ft. Depth of Shaft: 168 feet.
 Truck mine.

Riverdale Coal Co., Ltd.—Mine No. 1463

Authorized Capital: \$10,000.
 Name of President: John Mather.
 Names of Directors: John Mather, Ann Mather.
 Name of Sec.-Treasurer: Ann Mather.
 Head Office: 10311 Saskatchewan Drive, Edmonton, Alberta.
 Mine Office: Nmao, Alberta.
 General Manager: John Mather.
 Mine Surveyor: David Jones.
 Fireboss: John Mather, Jr.
 Location of Mine: N.E. cor. L.S. 14, Sec. 5, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 93 feet.
 Form of Opening: Drift. Size of Drift: 5ft. by 5ft.
 Truck mine.

Dickinson, Knight & Dickinson—Mine No. 1476

Mine Office: Carbondale, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Wm. Knight.
 Location of Mine: N.W. $\frac{1}{4}$, Sec. 9, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 42 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 8ft. Depth of Slope: 100 feet.
 Truck mine.

D. J. Gwilliam—Mine No. 1496

Mine Office: Nmao, Alberta.
 General Manager: D. J. Gwilliam.
 Overman: W. E. Williams.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 3, Sec. 6, Tp. 55, Rge. 24, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 60 feet.
 Form of Opening: Drift. Size of Drift: 6ft. by 7ft.
 Truck mine.

K. Nimko—Mine No. 1560

Mine Office: Edmonton South, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: P. Kelly.
 Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 21 to 50 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 6ft. Length of Slope: 35 feet.
 Truck mine.

Egg Lake Coal Co.—Mine No. 1582

Mine Office: Morinville, Alberta.
 Manager: Thomas Logan.
 Location of Mine: N.E. $\frac{1}{4}$, Sec. 36, Tp. 56, Rge. 26, W. 4th Mer.
 Depth of Cover: 10 to 20 feet.
 Stripping operation. Truck mine.

John G. Mucha—Mine No. 1594

Mine Office: Edmonton South, Alberta.
 Overman: John G. Mucha.
 Mine Surveyor: R. T. Stewart.
 Location of Mine: W. $\frac{1}{2}$ L.S. 13, Sec. 25, Tp. 51, Rge. 25, W. 4th Mer.
 Thickness of Seam: 4ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 to 25 feet.
 New mine being opened. Truck mine.

GLEICHEN AREA**Blackfoot Indians—Mine No. 72**

This mine is operated on the Blackfoot Reserve by the Indians, the entire output being disposed of locally. This Reserve is south of Gleichén.
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

K. J. Schnepf—Mine No. 299

Mine Office: Rosebud Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: K. J. Schnepf.
 Location of Mine: S. $\frac{1}{2}$ L.S. 4, Sec. 29, Tp. 26, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 6ft. Length of Slope: 162 feet.

Standard Coal Mine—Mine No. 1265

Authorized Capital: \$15,000.
 Name of President: H. Castella.
 Name of Secretary: J. Castella.
 Name of Treasurer: H. Castella.
 Mine Office: Standard, Alberta.
 General Manager: H. Castella.
 Mine Surveyor: Gordon L. Kidd.
 Overman: J. Castella.
 Location of Mine: L.S. 5, Sec. 11, Tp. 25, Rge. 19, W. 4th Mer.
 Thickness of Seam: 3ft. 10in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Slope. Size of Opening: 5ft. by 9ft. Length of Slope: 110 feet.

John Guiney—Mine No. 1431

Mine Office: Rosebud, Alberta.
 Overman: John Guiney.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 3, Sec. 29, Tp. 26, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 to 80 feet.
 Form of Opening: Slope. Size of Opening: 8ft. by 10ft. Length of Slope: 125 feet.

Wm. McMillan—Mine No. 1521

Mine Office: Rosebud, Alberta.
 Overman: Alex. McMillan.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 14, Sec. 20, Tp. 26, Rge. 21, W. 4th Mer.
 Thickness of Seam: 3½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 75 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

HALCOURT AREA**Baldwin Collieries—Mine No. 651**

Mine Office: Grande Prairie, Alberta.
 Mine Surveyor: David Jones.
 Overman: D. Whyte.
 Location of Mine: L. S. 15, Sec. 35, Tp. 70, Rge. 7, W. 6th Mer.
 Thickness of Seam: 2 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 85 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 6ft.
 Truck mine.

Campbell & O'Reilly—Mine No. 1506

Mine Office: Dimsdale, Alberta.
 Mine Surveyor: David Jones.
 Overman: M. O'Reilly.
 Location of Mine: N.W. $\frac{1}{4}$ L.S. 2, Sec. 21, Tp. 70, Rge. 7, W. 6th Mer.
 Thickness of Seam: 2 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 100 feet.
 Form of Opening: Tunnel. Size of Opening: 6ft. by 6ft.
 Truck mine.

Dunbar & Partners—Mine No. 1539

Mine Office: Hinton Trail, Alberta.
 Mine Surveyor: David Jones.
 Overman: R. Dunbar.
 Location of Mine: L.S. 2, Sec. 21, Tp. 70, Rge. 10, W. 6th Mer.

Thickness of Seam: 2 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: Up to 100 feet.
Form of Opening:
Truck mine.

Dahl & Gage—Mine No. 1588

Mine Office: Halcourt, Alberta.
Manager: E. C. Dahl.
Location of Mine: L.S. 14, Sec. 24, Tp. 70, Rge. 11, W. 6th Mer.
Thickness of Seam: 2 to 3 feet.
Inclination of Seam: Horizontal.
Stripping operation. Truck mine.

Howarth & Fraser—Mine No. 1591

Mine Office: Halcourt, Alberta.
Mine Surveyor: D. Jones.
Overman: James Howarth.
Location of Mine: L.S. 1, Sec. 21, Tp. 70, Rge. 10, W. 6th Mer.
Thickness of Seam: $2\frac{1}{2}$ to 3 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 40 to 75 feet.
Form of Opening: Tunnel. Size of Opening: 5ft. by 6ft.
Truck mine.

N. Schneider—Mine No. 1611

Mine Office: Dimsdale, Alberta.
Overman: N. Schneider.
Location of Mine: L.S. 4 and 5, Sec. 7, Tp. 70, Rge. 18, W. 6th Mer.
New mine just being opened, no particulars.

HIGH PRAIRIE AREA

W. D. Savage—Mine No. 1567

Mine Office: High Prairie, Alberta.
Overman: W. D. Savage.
Location of Mine: L.S. 1, Sec. 28, Tp. 72, Rge. 20, W. 5th Mer.

Larson & Wood—Mine No. 1615

Mine Office: High Prairie, Alberta.
Overman: F. L. Larson.
Location of Mine: L.S. 12, Sec. 27, Tp. 72, Rge. 20, W. 5th Mer.
New operation opening.

LETHBRIDGE AREA

Rozzolini & Bridarolli—Mine No. 56

Mine Office: Magrath, Alberta.
Mine Surveyor: Gordon L. Kidd.
Overman: Albert Rozzolini.
Location of Mine: N. $\frac{1}{2}$ of S.W. $\frac{1}{4}$ L.S. 3, Sec. 7, Tp. 7, Rge. 21, W. 4th Mer.
Thickness of Seam: 2ft. 3in.
Inclination of Seam: Horizontal.
Thickness of Cover: 125 feet.
Form of Opening: Slope. Size of Opening: 5ft. by 6ft. Length of Slope: 230 feet.

George Rollingson—Mine No. 738

Mine Office: Lethbridge, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: George Rollingson.
Location of Mine: L.S. 2, Sec. 11, Tp. 8, Rge. 22, W. 4th Mer.
Thickness of Seam: 30 inches.
Inclination of Seam: Horizontal.
Thickness of Cover: 30 to 200 feet.
Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

Forsyth & Arnold—Mine No. 1086

Mine Office: Lethbridge, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: J. Forsyth.
Location of Mine: L.S. 5, Sec. 8, Tp. 7, Rge. 21, W. 4th Mer.
Thickness of Seam: $3\frac{1}{2}$ feet.
Inclination of Seam: Horizontal.
Thickness of Cover: Up to 90 feet.
Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

J. C. Chester—Mine No. 1095

Mine Office: Lethbridge, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: Geo. Roberts.
Fireboss: J. Garrett.
Location of Mine: L.S. 9, Sec. 30, Tp. 9, Rge. 21, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 250 to 300 feet.
Form of Opening: Slope. Size of Opening: 7ft. by 6ft. Length of Slope: 257 feet.

New Royal View Mine—Mine No. 1219

Mine Office: Lethbridge, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: E. Welsh.
Location of Mine: L.S. 12, Sec. 29, Tp. 9, Rge. 21, W. 4th Mer.
Thickness of Seam: 4 feet.
Inclination of Seam: Horizontal.
Thickness of Cover: 250-300 feet.
Form of Opening: Slope. Size of Opening: $5\frac{1}{2}$ ft. by $6\frac{1}{2}$ ft. Length of Slope: 400 feet.

Lethbridge Collieries, Ltd.—Mine No. 1263

Authorized Capital: \$1,400,000.
Name of President: S. G. Porter.
Names of Directors: C. S. Donaldson, E. A. Lovett, S. G. Porter, Wm. Toole, E. A. Whitmore.
Head Office: Calgary, Alberta.
Mine Office: Shaughnessy, Alberta.
General Manager: C. S. Donaldson.
Mine Manager: A. G. Donaldson.
Mine Surveyor: Wm. Meldrum.
Overman: F. Thackray.
Firebosses: A. Birse, B. Mills, H. Evans, S. Yorko, M. Boychuk, S. Seminiuk, J. C. Macaulay, O. Krosso, W. Goodrick.
Location of Mine: L.S. 11, Sec. 30, Tp. 10, Rge. 21, W. 4th Mer.
Thickness of Seam: $5\frac{1}{2}$ feet.
Inclination of Seam: Horizontal—2% N. 56 W.
Thickness of Cover: 260 feet.
Form of Opening: Shaft. Size of Opening: 18ft. by 9ft. Depth of Shaft: 263 feet.

Lethbridge Collieries, Ltd.—Mine No. 1464

Same particulars.
Mine Office: Lethbridge, Alberta.
Mine Manager: J. M. Davidson.
Overman: G. Coutts.
Firebosses: D. Coutts, H. Tyrer, J. Stewart, A. McColl, G. Hargreaves.
Location of Mine: L.S. 3, Sec. 2, Tp. 9, Rge. 22, W. 4th Mer.
Thickness of Seam: 4ft. 4in.
Inclination of Seam: 1 in 72 N. 80 W.
Thickness of Cover: 350 feet.
Form of Opening: Shaft. Size of Opening: 18ft. by 8ft. by 11ft. Depth of Shaft: 359 feet.

J. J. Hamilton Coal Co.—Mine No. 1581

Mine Office: Lethbridge, Alberta.
Mine Surveyor: Wm. Meldrum.
General Manager: J. J. Hamilton.
Overman: E. Tyrer.
Location of Mine: L.S. 11, Sec. 24, Tp. 9, Rge. 22, W. 4th Mer.
Thickness of Seam: $4\frac{1}{2}$ feet.
Inclination of Seam: 2% N. 56 W.
Thickness of Cover: 228 feet.
Form of Opening: Shaft. Size of Opening: 8ft. by 8ft. Depth of Shaft: 228 feet.

MILK RIVER AREA

Thomas Taylor—Mine No. 1301

Mine Office: Groton, Alberta.
Mine Surveyor: J. F. Hamilton.
Overman: Thomas Taylor.

Location of Mine: L.S. 8, 9 and 10, Sec. 10, Tp. 3, Rge. 11, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 50 to 65 feet.
 Form of Opening: Slope. Size of Opening: 6ft. by 6ft. Length of Slope: 108 feet.

J. J. Mueller—Mine No. 1380

Mine Office: Masinasin, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Location of Mine: W. $\frac{1}{2}$ L.S. 9, L.S. 10, Sec. 27, Tp. 2, Rge. 12, W. 4th Mer.
 Thickness of Seam: 2ft. to 3ft. 8in.
 Thickness of Cover: 6 feet.
 Stripping operation.

MOUNTAIN PARK AREA

Mountain Park Coals, Ltd.—Mine No. 282

Authorized Capital: \$1,042,430.
 Name of President: Col. H. P. Mitchell, M.P.
 Names of Directors: A. M. Mitchell, Col. M. E. Lindsay, D.S.O., A. C. Dunn, Mayne Reid, J. C. Dunn, A. E. Russell, R. Burleigh Taylor, C. B. McNair, A. N. Scott, Col. H. P. Mitchell.
 Name of Sec.-Treasurer: R. Burleigh Taylor; Asst., G. P. Nance.
 Head Office: 179 Queen St., Charlotte-town, P.E.I.

Mine Office: Mountain Park, Alberta.
 General Manager: A. N. Scott.
 Mine Manager: D. C. Hamilton.
 Mine Surveyor: D. C. Hamilton.
 Overmen: W. Talbot and H. Simmons.
 Firebosses: W. McDonald, J. McMillan, T. McNeil, H. Roome, R. Roome, J. Bulat, A. Stene, J. Hutchinson, D. Strang.
 Location of Mine: S.E. $\frac{1}{4}$, Sec. 33, Tp. 45, Rge. 23, W. 5th Mer.
 Thickness of Seam: Kennedy, 25ft.; No. 2, 8ft.; No. 3, 32ft.
 Inclination of Seam: 15 to 60 degrees.
 Thickness of Cover: 250 to 800 feet.
 Form of Opening: Drift. Size of Openings: No. 1, 7ft. by 10ft.; No. 2, 7ft. by 10ft. Length of Slopes: No. 1, 1,500 ft.; No. 2, 800 feet.
 Mine on C.N.R.

Cadomin Coal Co., Ltd.—Mine No. 693

Authorized Capital: \$1,200,000, no par value shares.
 Name of President: H. R. Milner, K.C.
 Names of Directors: H. R. Milner, K.C., S. W. Field, K.C., A. C. Emery, J. A. McLeod.
 Name of Sec.-Treasurer: Colin Campbell.
 Mine Office: Cadomin, Alberta.
 General Manager: J. A. McLeod.
 Mine Manager: N. Melnyk.
 Mine Surveyor: N. Melnyk.
 Overmen: T. Carr, J. Roberts, A. Lister.
 Firebosses: P. Nicholson, D. Stene, S. Chesney, J. Williamson, W. Orlega, P. Carty.
 Location of Mine: L.S. 14, Sec. 31, Tp. 46, Rge. 23, W. 5th Mer.
 Thickness of Seam: 32 feet.
 Inclination of Seam: 62 degrees.
 Thickness of Cover: 1,200 feet.
 Form of Opening: Shaft. Size of Shaft: 14 by 22½ feet. Depth of Shaft, 875 feet.
 Mine on C.N.R.

Luscar Coals, Ltd.—Mine No. 905

Same particulars as for Mine 282.
 Mine Office: Luscar, Alberta.
 General Manager: A. N. Scott.
 Mine Manager: A. C. Hnatyshyn.
 Mine Surveyor: D. C. Hamilton.
 Overmen: T. Mather, M. McLean, H. Evans.
 Firebosses: R. Baker, D. Ashley, W. Hogg, R. Mitchell, R. Davis, J. Jones, W. Thomas, J. Henderson.

Location of Mine: L.S. 7, Sec. 23, Tp. 47, Rge. 24, W. 5th Mer.
 Thickness of Seam: Approx. 30 feet.
 Inclination of Seam: Varies up to 90 degrees.
 Thickness of Cover: 250 to 1,000 feet.
 Form of Opening: Slope in rock. Size of Slope: 8ft. by 12ft. Length of Slope: 800 feet.

K-D Collieries, Ltd.—Mine No. 1392

Authorized Capital: \$200,000.
 Names of President: Nelles V. Buchanan.
 Names of Directors: R. V. Real, H. J. MacDonald, H. D. Elliott.
 Name of Sec.-Treasurer: G. E. T. Sherry.
 Head Office: Edmonton, Alberta.
 Mine Office: Kaydee, Alberta.
 General Manager: G. E. T. Sherry.
 Mine Manager: Alex. Crawford.
 Overman: J. Horne.
 Mine Surveyor: L. C. Stevens.
 Firebosses: J. Denholm, W. Grubisch, A. Scott.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 8, Sec. 28, Tp. 47, Rge. 24, W. 5th Mer.
 Thickness of Seam: 30 to 40 feet.
 Inclination of Seam: 30 degrees.
 Thickness of Cover: 300 feet.
 Form of Opening: Drifts. Size of Opening: 7ft. by 10ft.

NORDEGG AREA

Brazeau Collieries, Ltd.—Mine No. 256

Authorized Capital: \$4,450,000.
 Name of President: J. A. Boyd.
 Names of Directors: J. A. Boyd, H. A. Kilpatrick, W. H. Moore, G. R. Cottrell, H. S. Gausby.
 Name of Sec.-Treasurer: H. S. Gausby.
 Head Office: 7th Floor, 25 King St. W., Toronto, Ontario.
 Mine Office: Nordegg, Alberta.
 General Manager: John Shanks.
 Mine Manager: David Shanks.
 Mine Surveyor: A. McMullen.
 Overmen: J. Touhey, O. N. Edwards.
 Firebosses: H. Williams, J. China, S. Barton, S. Koznuik, J. Henderson.
 Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. 5th Mer.
 Thickness of Seam: 13 feet.
 Inclination of Seam: 12 degrees.
 Thickness of Cover: 400 to 600 feet.
 Form of Opening: Slope. Size of Opening: 12ft. by 6ft. Length of Slope: 2,500 feet.

Brazeau Collieries, Ltd.—Mine No. 1585

Same particulars.
 Mine Manager: A. McMullen.
 Overman: A. McQueen.
 Firebosses: J. White, D. Duncan, G. McQueen, F. Marosco.
 Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. 5th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: 12 degrees.
 Thickness of Cover: 400 to 600 feet.
 Form of Opening: Slope. Size of Opening: 12ft. by 6ft. Length of Slope: 3,000 feet.

PAKOWKI AREA

William Geddes—Mine No. 602

Mine Office: Little Plume, Alberta.
 Mine Surveyor: E. Ashburner.
 Overman: W. Geddes.
 Location of Mine: L.S. 6, Sec. 2, Tp. 9, Rge. 5, W. 4th Mer.
 Thickness of Seam: 7ft. 6in.
 Inclination of Seam: 10 degrees.
 Thickness of Cover: 70 feet.
 Form of Opening: Slope. Size of Opening: 5ft. by 5ft. Length of Slope: 40 ft.

William Raeder—Mine No. 1318

Mine Office: Elkwater, Alberta.
 Mine Surveyor: E. Ashburner.
 Overman: Wm. Raeder.
 Location of Mine: L.S. 10, Sec. 23, Tp. 8,
 Rge. 3, W. 4th Mer.
 Thickness of Seam: 5ft. 6in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 200 feet.
 Form of Opening: Drift. Size of Open-
 ing: 6ft. by 6ft.

PEKISKO AREA**G. C. Davies—Mine No. 1516**

Mine Office: Priddis, Alberta.
 Mine Surveyor: R. Hamilton.
 Overman: G. C. Davies.
 Location of Mine: L.S. 10, Sec. 4, Tp. 22,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 3ft. 4in.
 Inclination of Seam: 10½ degrees.
 Thickness of Cover: 120 feet.
 Form of Opening: Slope. Size of Open-
 ing: 5ft. by 6ft. Length of Slope:
 350 feet.

PEMBINA AREA**Lakeside Coals, Ltd.—Mine No. 419**

Authorized Capital: \$660,000.
 Name of President: E. A. McBain.
 Names of Directors: E. A. McBain, Wm.
 Foster, W. W. McBain, W. A. McBain.
 Name of Secretary: W. A. McBain.
 Head Office: 93rd St. and Jasper Ave.
 Edmonton, Alberta.
 Mine Office: Wabamun, Alberta.
 General Manager: Wm. Foster.
 Mine Surveyor: W. Foster.
 Overman: J. Vivyurka.
 Location of Mine: L.S. 15, Sec. 9, Tp. 53,
 Rge. 4, W. 5th Mer.
 Thickness of Seam: 7½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 300 feet.
 Form of Opening: Slope. Size of Open-
 ing: 7ft. by 8ft.

Pembina Collieries, Ltd.—Mine No. 1495

Mine Office, Entwistle, Alberta.
 Overman: T. Shaw.
 Location of Mine: N.W. ¼, Sec. 34, Tp.
 53, Rge. 7, W. 5th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Form of Opening: Slope, 5ft. by 6ft., 75
 feet in length.

Wilma Coal Co.—Mine No. 1592

Mine Office: Stony Plain, Alberta.
 Overman: T. Welbourne.
 Location of Mine: E. ½, Sec. 30, Tp. 52,
 Rge. 4, W. 5th Mer.
 Thickness of Seam: 20 feet.
 Inclination of Seam: Horizontal.
 Stripping operation.

H. H. Wright—Mine No. 1606

Mine Office: Genesee, Alberta.
 Overman: D. Smith.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 7, Sec. 30, Tp. 50,
 Rge. 3, W. 5th Mer.
 Thickness of Seam: 7 feet.
 Inclination of Seam: Horizontal.
 New mine being developed.

PINCHER AREA**Albert Keith—Mine No. 59**

Mine Office: Lundbreck, Alberta.
 Mine Surveyor: M. H. Congdon.
 Overman: A. Keith.
 Location of Mine: S.W. ¼ L.S. 15, Sec.
 26, Tp. 7, Rge. 2, W. 5th Mer.
 Thickness of Seam: 6 feet.

Inclination of Seam: 20 to 50 degrees.
 Thickness of Cover: 150 feet.
 Form of Opening: Slope. Size of Open-
 ing: 7ft. by 10ft. Length of Slope:
 400 feet.

PRAIRIE CREEK AREA**Jasper Coals, Ltd.—Mine No. 1296**

Head Office: Edmonton, Alberta.
 Mine Office: Drinnan, Alberta.
 Mine Manager: W. Smillie.
 Mine Surveyor: A. C. Dunn.
 Location of Mine: N.W. ¼, Sec. 18, Tp.
 51, Rge. 24, W. 5th Mer.
 Thickness of Seam: 4 feet.
 Form of Opening: Slope.

REDCLIFF AREA**Gunderson Brick & Coal Co., Ltd.—
Mine No. 163**

Authorized Capital: \$200,000.
 Name of President: P. Lavelle.
 Names of Directors: J. M. Stratton, P.
 Lavelle, C. G. Buchholz.
 Name of Sec.-Treasurer: C. G. Buchholz.
 Mine Office: Redcliff, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: J. M. Stratton.
 Location of Mine: L.S. 14, Sec. 5, Tp. 13,
 Rge. 6, W. 4th Mer.
 Thickness of Seam: 4ft. 5in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 190 feet.
 Form of Opening: Slope. Size of Slope:
 7ft. by 7ft. Length of Slope: 560 feet.

**Ajax Coal Company (J. T. Oliphant)
—Mine No. 772**

Authorized Capital: \$15,000.
 Name of President: L. N. Laidlaw.
 Mine Office: Medicine Hat, Alberta.
 Mine Surveyor: Gordon L. Kidd.
 Overman: C. S. Cooke.
 Location of Mine: L.S. 2, Sec. 5, Tp. 13,
 Rge. 6, W. 4th Mer.
 Thickness of Seam: 4 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 250 feet.
 Form of Opening: Drift.

ROCHESTER AREA**Thorhild Coal Co.—Mine No. 1517**

Mine Office: Thorhild, Alberta.
 Mine Surveyor: David Jones.
 Overman: Mike Libicz.
 Location of Mine: N. ½ L.S. 12, Tp. 60,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 6ft. 10in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25-50 feet.
 Form of Opening: Slope. Size of Slope:
 7ft. by 7ft. Length of Slope: 65 feet.

Tomilson & Kaszuba—Mine No. 1562

Mine Office: Radway, Alberta.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 1, Sec. 11, Tp. 60,
 Rge. 21, W. 4th Mer.
 Thickness of Seam: 5½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 12 to 20 feet.
 Stripping operation.

SAUNDERS AREA**Bighorn & Saunders Creek Collieries,
Ltd.—Mine No. 388**

Authorized Capital: \$300,000.
 Name of President: Raoul Green.
 Names of Directors: J. R. Smith, L. P.
 Robert, W. G. Pearson.
 Name of Sec.-Treasurer: A. R. Granger.
 Head Office: Blairmore, Alberta.
 Mine Office: Saunders, Alberta.

Mine Manager: Owen Morgan.
 Mine Surveyor: Owen Morgan.
 Overman: L. Gladwin.
 Firebosses: I. Dolzan, F. Broderick, J. James.
 Location of Mine: S.E. $\frac{1}{4}$ L.S. 9, Sec. 24, Tp. 40, Rge. 13, W. 5th Mer.
 Thickness of Seam: 4ft. 5in.
 Inclination of Seam: 7 degrees.
 Thickness of Cover: 250 feet.
 Form of Opening: Slope. Size of Opening: 8ft. by 7ft. Length of Slope: 1,300 feet.

Alexo Coal Co., Ltd.—Mine No. 852

Authorized Capital: \$200,000.
 Name of President: E. F. Pullen.
 Names of Directors: E. F. Pullen, G. F. Hanning, Frank Pullen, C. C. Clark.
 Name of Secretary: C. C. Clark.
 Head Office: 107 Duke St., Toronto, Ontario.
 Mine Office: Alexo, Alberta.
 General Manager: E. F. Pullen.
 Mine Manager: J. D. B. Brown.
 Mine Surveyor: A. McMullen.
 Location of Mine: L.S. 9, Sec. 27, Tp. 40, Rge. 13, W. 5th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: 7 degrees.
 Thickness of Cover: 250 feet.
 Form of Opening: Slope. Size of Opening: 12ft. by 8ft. Length of Slope: 2,250 feet.

SHEERNES AREA

Chinook Coal Co., Ltd.—Mine No. 443

Authorized Capital: \$30,000.
 Name of President: Claude Gallinger.
 Names of Directors: Claude Gallinger, Mrs. Jean Gallinger, Wilbur Gallinger, Mrs. R. L. Wood, R. L. Wood.
 Name of Sec.-Treasurer: R. L. Wood.
 Mine Office: Sheerness, Alberta.
 General Manager: R. L. Wood.
 Mine Surveyor: David Jones.
 Overman: William Swanson.
 Location of Mine: L.S. 1, Sec. 12, Tp. 29, Rge. 13, W. 4th Mer.
 Thickness of Seam: 5 to 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 to 14 feet.
 Stripping operation. Mine located on C.N.R.

Litke Bros.—Mine No. 486

Mine Office: Hanna, Alberta.
 Mine Surveyor: David Jones.
 Mine Manager: S. Litke.
 Location of Mine: S.W. $\frac{1}{4}$ L.S. 6, Sec. 29, Tp. 32, Rge. 13, W. 4th Mer.
 Thickness of Seam: 2 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. Truck mine.

T. E. Stubbs—Mine No. 1314

Mine Office: Hanna, Alberta.
 Mine Surveyor: David Jones.
 Overman: T. E. Stubbs.
 Location of Mine: L.S. 1, Sec. 6, Tp. 29, Rge. 14, W. 4th Mer.
 Thickness of Seam: 2½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. Truck mine.

F. M. Pahl—Mine No. 1401

Mine Office: Hanna, Alberta.
 Mine Surveyor: David Jones.
 Overman: F. M. Pahl.
 Location of Mine: N.E. L.S. 7, Sec. 30, Tp. 32, Rge. 13, W. 4th Mer.
 Thickness of Seam: 3 to 3½ feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 20 feet.
 Stripping operation. Truck mine.

Sheerness Coal Co., Ltd.—Mine No. 1432

Authorized Capital: \$10,000.
 Name of President: Claude Gallinger.
 Names of Directors: C. Gallinger, Mrs. Jean Gallinger.
 Name of Sec.-Treasurer: R. L. Wood.
 Mine Office: Sheerness, Alberta.
 General Manager: R. L. Wood.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 19, Tp. 29, Rge. 12, W. 4th Mer.
 Thickness of Seam: 5 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 10 feet.
 Stripping operation. On C.N.R.

John Masciangelo & Partners— Mine No. 1553

Mine Office: Delia, Alberta.
 Mine Surveyor: David Jones.
 Overman: John Masciangelo.
 Location of Mine: L.S. 10, Sec. 21, Tp. 30, Rge. 17, W. 4th Mer.
 Thickness of Seam: 3 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 150 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 7 ft.
 Truck mine.

A. J. Bordula & Partners—Mine No. 1597

Mine Office: Hanna, Alberta.
 Overman: A. J. Bordula.
 Location of Mine: L.S. 16, Sec. 12, Tp. 29, Rge. 13, W. 4th Mer.
 Thickness of Seam: 5ft. 5in.
 Inclination of Seam: Horizontal.
 Stripping operation.

TABER AREA

C. J. Lavenne—Mine No. 672

Mine Office: Bow Island, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Overman: C. J. Lavenne.
 Location of Mine: L.S. 3, Sec. 27, Tp. 12, Rge. 10, W. 4th Mer.
 Thickness of Seam: 4ft. 4in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 135 feet.
 Form of Opening: Drift. Size of Opening: 4ft. by 4ft.

Continental Coal Corporation, Ltd. Mine No. 1334

Mine Office: Grassy Lake, Alberta.
 Mine Surveyor: M. G. Rhynas.
 Manager: M. G. Rhynas.
 Location of Mine: L.S. 4, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
 Thickness of Seam: 2 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover:
 Stripping operation.

Oliver Coal Mine—Mine No. 1536

Mine Office: Taber, Alberta.
 Mine Surveyor: J. F. Hamilton.
 Mine Manager: Edward Oliver.
 Location of Mine: L.S. 2, Sec. 18, Tp. 10, Rge. 16, W. 4th Mer.
 Thickness of Seam: 3ft. 8in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: Up to 100 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 6ft.

Continental Coal Corporation, Ltd. Mine No. 1580

Mine Office: Grassy Lake, Alberta.
 Manager: M. G. Rhynas.
 Location of Mine: L.S. 7, Sec. 26, Tp. 9, Rge. 13, W. 4th Mer.
 Thickness of Seam: 28 inches.
 Inclination of Seam: Horizontal.
 Thickness of Cover:
 Stripping operation.

Western Ventures, Ltd.—Mine No. 1609

Mine Office: Taber, Alberta.
 Manager: E. Oliver.
 Location of Mine: Sec. 30, Tp. 10, Rge. 16, W. 4th Mer.
 Stripping operation.

Thickness of Seam: 8ft. 2in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 14 feet.
 Form of Opening: Slope. Size of Opening: 6½ft. by 6ft. 3in. Length of Slope: 48 feet.

TOFIELD AREA**Emil Skarin—Mine No. 215**

Mine Office: Dodds, Alberta.
 Mine Manager: E. E. Chappell.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 7, Sec. 14, Tp. 49, Rge. 18, W. 4th Mer.
 Thickness of Seam: 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 feet.
 Stripping operation.

Tofield Coal Co., Ltd.—Mine No. 252

Authorized Capital: \$150,000.
 Name of President: Claude Gallinger.
 Names of Directors: C. Gallinger, Mrs. Jean Gallinger.
 Name of Sec.-Treasurer: Norman E. Scott.
 Mine Office: Tofield, Alberta.
 General Manager: C. Gallinger.
 Mine Surveyor: David Jones.
 Location of Mine: N. ½, Sec. 26, Tp. 50, Rge. 19, W. 4th Mer.
 Thickness of Seam: 6 to 7 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 18 to 35 feet.
 Stripping operation.

D. Falvo—Mine No. 1107

Mine Office: Dodds, Alberta.
 Mine Surveyor: David Jones.
 Superintendent: E. E. Gammon.
 Location of Mine: L.S. 15, Sec. 11, Tp. 49, Rge. 18, W. 4th Mer.
 Thickness of Seam: 5 to 6 feet.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 25 feet.
 Form of Opening: Slope. Size of Opening: 7ft. by 6ft. Length of Slope: 60 feet.

Ryley Coal Company—Mine No. 1206

Mine Office: Ryley, Alberta.
 Manager: W. T. Gotheridge.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 8, Sec. 8, Tp. 49, Rge. 17, W. 4th Mer.

WETASKIWIN AREA**Peter Gill—Mine No. 1534**

Mine Office: Thorsby, Alberta.
 Mine Surveyor: L. C. Stevens.
 Overman: Peter Gill.
 Location of Mine: L.S. 2 and 7, Sec. 3, Tp. 48, Rge. 27, W. 4th Mer.
 Thickness of Seam: 4ft. 9in.
 Inclination of Seam: Horizontal.
 Thickness of Cover: 115 feet.
 Form of Opening: Drift. Size of Opening: 6ft. by 7ft.

WHITECOURT AREA**Alexander Watson—Mine No. 1569**

Mine Office: Blue Ridge, Alberta.
 Overman: A. Watson.
 Location of Mine: L.S. 12 and 13, Sec. 19, Tp. 59, Rge. 10, W. 5th Mer.
 Thickness of Seam: 6ft. 3in.
 Inclination of Seam: Horizontal.
 Stripping operation.

A. J. Buxton—Mine No. 1593

Mine Office: Blue Ridge, Alberta.
 Overman: A. J. Buxton.
 Location of Mine: L.S. 13, Sec. 2, Tp. 59, Rge. 10, W. 5th Mer.
 Stripping operation.

R. F. Pritchard—Mine No. 1612

Mine Office: Blue Ridge, Alberta.
 Overman: R. F. Pritchard.
 Location of Mine: L.S. 1, Sec. 31, Tp. 59, Rge. 10, W. 5th Mer.
 Thickness of Seam: 3½ feet.

NO AREA**G. Sparks—Mine No. 1616**

Mine Office: Beaverlodge, Alberta.
 Location of Mine: Unsurveyed territory
 —Tp. 68, Rge. 10, W. 6th Mer.
 Stripping operation.

The following table gives particulars of mines which were in operation during the year 1944 in the Province :

LIST OF MINES

Mine No.	Operator	Address	Location L.S.T.R.M.	Character of Coal	Date of	
					Opening	Aban- donment Closing
Ardley Area						
255	F. A. Straub	Alix	N.E. ¼	5-17-38-23-4	Domestic	1910
809	J. W. Sissons	Alix		6-35-38-23-4	Domestic	1919
969	James Blades	Delburne		14-10-38-22-4	Domestic	1921
1018	Alex. J. Johnson	Ardley		3-17-38-23-4	Domestic	1922
1135	Carl Kupp	Delburne		4- 7-38-23-4	Domestic	1924
1322	John Lyness	Delburne		16- 7-38-23-4	Domestic	1930
1488	Charles O. Russell	Alix	W ½	3-29-38-23-4	Domestic	1935
1586	Kehl & McGladrie	Nevis		4-5-35-37-22-4	Domestic	1942
1605	Myers & Munro	Ardley		12-35-38-23-4	Domestic	1943
1613	Wm. Barrell	Ardley		10-20-38-23-4	Domestic	1943
Big Valley Area						
864	Big Valley Coal Company	Big Valley		16-26-35-20-4	Domestic	1920
1189	James McKinlay	Huxley	E. ½	13		
1254	Robert Campkin	Lousana	E. ½ ¼	14- 3-34-22-4	Domestic	1924
1376	J. A. Ginther	Perbeck	S.W. ¼	16-12-36-22-4	Domestic	1927
				7-30-34-21-4	Domestic	1931
Brooks Area						
1329	Kleenbirm Collieries, Ltd.	Eyrenore		3-16-17-17-4	Domestic	1930
1404	Birnwel Coal, Ltd.	Eyrenore		8-15-17-17-4	Domestic	1932
Camrose Area						
241	Joe Proskow	Dinant		4-18-48-19-4	Domestic	1910
244	Stoney Creek Collieries, Ltd.	Camrose		1-33-46-20-4	Domestic	1910
610	L. Strliczyk	Ohaton	N. ½	8-10-48-18-4	Domestic	1915
724	S. H. Burnstad	Ohaton	S. ½	3		
				6, 14-48-18-4	Domestic	1944
1420	Red Flame Coal Co., Ltd.	Round Hill		14-19-48-18-4	Domestic	1933
1524	Geo. Shute & Partners	Dinant	E. ½	7-48-19-4	Domestic	1937
1603	Camrose Collieries, Ltd.	Camrose		2, 6, 7, 10-11-29-46-19-4	Domestic	1943
Carbon Area						
53	Spencer & Dolphin	Carbon	S.W. ¼	3-14-29-23-4	Domestic	1898

384	Inland Coal Co., Ltd.	Three Hills				
690	J. W. Rynning	Rowley	E. ¼	3-36-31-24-4 4-13-32-21-4	Domestic	1906
710	Geo. C. Yard & Son	Trochu		9-14-33-23-4	Domestic	1917
817	B. Pickering	Ghost Pine Creek				
921	Otto Schlender	Trochu		15-14-33-23-4	Domestic	1921
1060	East Carbon Coal Co. (A. Fox)	Carbon		12-13- 7-29-22-4	Domestic	1922
1226	A. E. Staite	Trochu	W. ½	9-29-33-22-4	Domestic	1926
1283	Richard Bradshaw	Trochu		8-14-33-23-4	Domestic	1928
1359	Balogh Brothers	Carbon		8-13-29-23-4	Domestic	1931
1499	Nuttall & Davidson	Three Hills		1- 9-31-22-4	Domestic	1936
1538	W. Pastorchik & Partners	Three Hills	S.E. ¼	10- 9-31-22-4	Domestic	1938
1600	Peerless Coal Co.	Carbon		2-15-29-23-4	Domestic	1943
1621	Sarcee Coal Co.	Ghost Pine Creek	L.S. 1-2	6-31-21-4	Domestic	1944
Cascade Area						
2	The Cannmore Mines, Ltd.	Cannmore	N.E. ¼	1-29-24-10-5	Bituminous	1891
1244	Frank Wheatley & Sons	Banff		12- 4-26-11-5	Bituminous	1926
Castor Area						
251	John Tyrlik	Heisler	S.W. ¼	16-28-42-17-4	Domestic	1910
289	Bailey & Skaugie	Gadsby	N.W. ¼	11-28-39-16-4	Domestic	1911
291	James Chiswick	Gadsby	S. ½	11-28-39-16-4	Domestic	1911
447	Max LeGear	Forestburg		13-28-40-15-4	Domestic	1914
615	John Sank	Heisler		8-9-28-42-17-4	Domestic	1915
666	K.M. Coal Mine	Forestburg		16- 2-41-16-4	Domestic	1916
902	O. V. Remillard	Castor		16-33-37-14-4	Domestic	1921
911	Strickland and Partners	Heisler		1-33-42-17-4	Domestic	1921
913	Ben Hronek	Halkirk		1- 7-39-15-4	Domestic	1921
948	C. H. Hanson	Rosalind		6- 8-43-17-4	Domestic	1921
953	Wm. Jones	Forestburg		1- 8-32-40-15-4	Domestic	1921
1046	J. F. Cordel	Halkirk		6-20-40-15-4	Domestic	1922
1062	Chas. Strader	Halkirk		4-17-39-15-4	Domestic	1922
1232	A. O'Brien	Halkirk		25-40-16-4	Domestic	1926
1237	James Wilkinson & Strader	Halkirk	N.W. ¼	11- 8-39-15-4	Domestic	1926
1240	W. T. Phillips	Castor		1-2-4- 4-38-14-4	Domestic	1926
1248	Thomas Mitchinson	Donalda		2-3-29-41-17-4	Domestic	1926
1349	James Bradley	Foreman		16-26-40-16-4	Domestic	1931
1361	Mrs. Dan Shaw	Castor		9-33-37-14-4	Domestic	1931
1417	James Easton	Castor		14-34-37-16-4	Domestic	1933
1435	E. Lien	Edberg		6-11- 2-44-19-4	Domestic	1933
1441	J. W. Marshall	Donalda		12-16-42-17-4	Domestic	1933
1485	Floyd N. Wiltse	Halkirk		9-16-31-39-15-4	Domestic	1935
1541	H. C. Muncy	Foreman		15-26-40-16-4	Domestic	1938
1572	F. E. Wilkinson	Donalda		4- 5-28-41-17-4	Domestic	1940
1578	Bush Bros	Forestburg		15-36-40-16-4	Domestic	1941
1587	J. J. Mills	Heisler		5-22-42-17-4	Domestic	1942

LIST OF MINES—Continued

Mine No.	Operator	Address	Location	L.S.T.R.M.	Character of Coal	Date of	
						Opening	Abandonment Closing
1608	Castor Creek Collieries, Ltd.	Castor	S. $\frac{1}{2}$	6	Domestic	1943	.....
1617	Alfred Sorken	Killam	N. $\frac{1}{2}$	3- 3-38-14-4	Domestic	1943	.....
1618	A. T. Miner	Rosalind		16-26-40-16-4 6-43-17-4	Domestic	1943	.....
	Champion Area						
758	Alec Fraser	Carmangay		14-25-14-22-4	Domestic	1918	.....
1509	A. M. S. McGaw	Champion		16-33-15-23-4	Domestic	1937	.....
1565	Mike Popovich	Champion		9- 8-16-23-4	Domestic	1939	.....
	Coalspur Area						
769	Sterling Collieries Co., Ltd.	Sterco		12-35-47-20-5	Sub-Bituminous	1918	.....
771	Foothills Collieries, Ltd., The	Foothills		10-24-47-20-5	Sub-Bituminous	1918	.....
775	Lakeside Coals, Ltd.	Robb		3-14-43-21-5	Sub-Bituminous	1918	.....
846	McLeod River Hard Coal Co. (1941), Ltd.	Mercoal		5-25-48-22-5	Sub-Bituminous	1920	.....
1002	Coal Valley Mining Co., Ltd.	Coal Valley		16-26-47-20-5	Sub-Bituminous	1922	.....
1157	Thirty-Two Collieries, Ltd.	Robb		11-15-49-21-5	Sub-Bituminous	1924	.....
	Crowsnest Area						
87	West Canadian Collieries, Ltd.	Bellevue		10-20- 7- 3-5	Bituminous	1903	.....
88	International Coal & Coke Co., Ltd.	Coleman		11- 8- 8- 4-5	Bituminous	1903	.....
133	Hillcrest-Mohawk Collieries, Ltd.	Bellevue	S.E. $\frac{1}{4}$	21- 7- 3-5	Bituminous	1907	.....
199	Matt Wood	Beaver Mines		10- 3- 6- 3-5	Bituminous	1909	.....
204	McGillivray Creek Coal & Coke Co., Ltd.	Coleman	S.W. $\frac{1}{4}$	2-17- 8- 4-5	Bituminous	1909	.....
295	P. A. Wilson	Pincher Creek		11-10- 5- 1-5	Bituminous	1911	.....
396	West Canadian Collieries, Ltd.	Blairmore		10- 2- 8- 4-5	Bituminous	1913	.....
1584	West Canadian Collieries, Ltd.	Bellevue	W. $\frac{1}{2}$, W. $\frac{1}{2}$	15-31- 6- 5-5	Bituminous	1942	.....
1620	Rock Creek Coal Co., The	Blairmore	E. $\frac{1}{2}$, E. $\frac{1}{2}$	3-35- 7- 2-5	Bituminous	1944	.....
	Drumheller Area						
346	Rosedale Collieries, Ltd.	Rosedale		14-28-28-19-4	Domestic	1912	.....
367	Midland Coal Mining Co., Ltd.	Drumheller		10-11- 9-29-20-4	Domestic	1912	.....
402	Red Deer Valley Coal Co., Ltd.	Drumheller	N.E. $\frac{1}{4}$ Rd. All.	7- 8-29-20-4	Domestic	1913	.....
422	Commander Coal Company	Drumheller		5- 9-29-20-4	Domestic	1914	.....
436	Rosedale Collieries, Ltd.	Aerial	S.E. $\frac{1}{4}$	7-28-28-19-4	Domestic	1914	.....
620	Newcastle Collieries, Ltd.	Drumheller	N.W. $\frac{1}{4}$	3-29-20-4	Domestic	1915	.....
728	Maple Leaf Minerals, Ltd.	Drumheller	S.E. Corner	13-32-27-18-4 5-28-18-4	Domestic	1918	.....

764	Ben Pickering	Beynon	2- 6-28-20-4	Domestic	1918	1944
815	Ernest Denio	Drumheller	13-32-27-21-4	Domestic	1919	
844	Ideal Coal Co., Ltd.	Wayne	16- 1-28-20-4	Domestic	1920	
1117	O. W. Whitaker	Beynon	3- 6-28-20-4	Domestic	1923	
1258	Brilliant Coal Co.	Drumheller	11-14-10-29-20-4	Domestic	1927	
1299	Empire Collieries, Ltd.	East Coulee	2-32-27-18-4	Domestic	1929	
1421	Hy-Grade Coal Mining Co., Ltd.	Drumheller	13-11-29-20-4	Domestic	1933	
1473	Monarch Coal Mining Co., Ltd., The	Drumheller	7- 8-29-20-4	Domestic	1935	
1484	Regal Coal Co., Ltd.	Drumheller	13-21-27-18-4	Domestic	1935	
1491	Murray Collieries, Ltd.	Drumheller	29-27-18-4	Domestic	1936	
1493	Western Gem & Jewel Collieries, Ltd.	Cambria	6-15-28-19-4	Domestic	1936	
1511	Aetna Coal Company	Drumheller	1-22-28-18-4	Domestic	1937	
1515	E. B. Foye	Willow Creek	10-22-28-18-4	Domestic	1937	
1520	The Minute Coal Company	Drumheller	7-14-29-20-4	Domestic	1937	
1544	Castle Coal Co., Ltd.	Wayne	7-28-18-4	Domestic	1938	
1570	Sovereign Coal Co., Ltd.	Wayne	8- 7-28-19-4	Domestic	1940	
1573	Monarch Coal Mining Co., Ltd.	Drumheller	1-20-27-18-4	Domestic	1940	
1583	John Hamilton	Delia	8	Domestic	1940	
1589	Arcadia Coal Mines, Ltd.	Willow Creek	9-23-28-18-4	Domestic	1942	
1599	Burn-Brite Coal Co.	Drumheller	16- 7-28-18-4	Domestic	1943	
1601	Dunphy Coal Co.	Drumheller	22-28-18-4	Domestic	1943	
	Edmonton Area		6-14-29-21-4	Domestic	1943	
29	H. W. Smith (White Star Mine)	Edmonton	11-25-51-25-4	Domestic	1897	
91	Ottewell Coal Company	Clover Bar	17-53-23-4	Domestic	1904	
99	Great West Coal Co., Ltd.	Clover Bar	10- 7-53-23-4	Domestic	1903	
129	John Camarta	Cardiff	16-23-55-25-4	Domestic	1907	
155	Dawson Coal, Ltd.	Edmonton	Sett.	Domestic	1944	
		Rifle Range				
351	Frank Chiarello	Legal	25-57-25-4	Domestic	1912	
428	Banner Coals, Ltd.	Cardendale	10- 8-55-24-4	Domestic	1914	
707	Bush Mines, Ltd.	Beverly	Sett.	Domestic	1907	
1034	H. Molzan	Edmonton	6-25-51-25-4	Domestic	1922	1944
1098	Long Coal Company	Namao	4-31-54-24-4	Domestic	1923	
1233	Mike Sinoski	Edmonton	5-25-51-25-4	Domestic	1926	
1266	Edmonton Collieries, Ltd.	Namao	14-36-54-25-4	Domestic	1927	
1297	Ellerslie Collieries	Ellerslie	1-26-51-25-4	Domestic	1929	
1316	Samis Collieries	Namao	11-36-54-25-4	Domestic	1929	
1352	Twin City Coal Company	Edmonton	8-26-51-25-4	Domestic	1931	
1357	Red Hot Coal Co., Ltd.	Edmonton	Sett.	Domestic	1931	
1366	Beverly Coal Co., Ltd.	Beverly	6-13-53-24-4	Domestic	1931	
1393	Ottewell Coal Company	Edmonton	36-52-24-4	Domestic	1932	
1419	Opalinski & Fridel	Edmonton	4-25-51-25-4	Domestic	1933	
1427	Kent Coal Co., Ltd.	Edmonton	30-52-23-4	Domestic	1933	
1463	Riverdale Coal Co., Ltd.	Namao	5-55-24-4	Domestic	1934	
1476	Dickinson, Knight & Dickinson	Cardendale	9-55-24-4	Domestic	1935	
1496	D. J. Gwilliam	Namao	3- 6-55-24-4	Domestic	1936	

LIST OF MINES—Continued

Mine No.	Operator	Address	Location	L.S.T.R.M.	Character of Coal	Date of	
						Opening	Abandonment Closing
1560 1582 1594	K. Nimko Egg Lake Coal Co. John G. Mucha	Edmonton Morinville Edmonton	N.E. $\frac{1}{4}$ W. $\frac{1}{2}$	11-25-51-25-4 36-56-26-4 13-25-51-25-4	Domestic Domestic Domestic	1939 1941 1943	..... ..... .....
Gleichen Area							
72 299 1249 1265 1431 1521	Blackfoot Indians K. J. Schrepf J. D. Vogel Standard Coal Mine John Guiney Wm. McMillan	Gleichen Rosebud Eyremore Standard Rosebud Rosebud	Indian Reserve	4-29-26-21-4 7-26-20-19-4 5-11-25-22-4 3-29-26-21-4 14-20-26-21-4	Domestic Domestic Domestic Domestic Domestic	1902 1911 1926 1927 1933 1937	..... ..... ..... ..... ..... .....
Halcourt Area							
651 1506 1539 1588 1611	Baldwin Collieries Campbell & O'Reilly Dumbar & Partners Dahl & Cage N. Schneider	Grande Prairie Dimsdale Hinton Trail Halcourt Dimsdale	N.W. $\frac{1}{4}$	15-35-70-7-6 2-21-70-7-6 2-21-70-10-6 14-24-70-11-6 4-5-7-70-18-6	Domestic Domestic Domestic Domestic Domestic	1916 1937 1938 1942 1943	..... ..... ..... ..... .....
High Prairie Area							
1567 1615	W. D. Savage Larson & Wood	High Prairie High Prairie		1-28-72-20-5 12-27-72-20-5	Domestic Domestic	1939 1943	..... .....
Lethbridge Area							
56 738 1086 1095 1219 1263 1464 1576	Rozollini & Bridaroli George Rollingson Forsyth & Arnold Chester Mine New Royal View Mine Lethbridge Collieries Ltd. Lethbridge Collieries, Ltd., No. 8 Mine Kerratta Coal Co.	Magrath Lethbridge Lethbridge Lethbridge Lethbridge Lethbridge Lethbridge Lethbridge	S.W. $\frac{1}{4}$	3-7-7-21-4 5-12-32-9-21-4 5-8-7-21-4 9-30-9-21-4 12-29-9-21-4 11-30-10-21-4 3-2-9-22-4 13-12-9-22-4 4-13-9-22-4 3-7-7-21-4	Domestic Domestic Domestic Domestic Domestic Domestic Domestic Domestic	1902 1909 1923 1923 1925 1927 1934 1941 1944	..... ..... ..... ..... ..... ..... ..... ..... ..... .....
1581 1600	J. J. Hamilton Coal Co. Glen Tollestrup	Lethbridge Raymond		11-24-9-22-4 3-7-7-21-4	Domestic Domestic	1941 1943	..... .....
Milk River Area							
1301 1380	Thos. Taylor J. J. Mueller	Groton Masinasin	W. $\frac{1}{2}$	8-9-10-10-4-11-4 9 10-27-2-12-4	Domestic Domestic	1929 1931	..... .....

Mountain Park Area		Mountain Park	S.W. $\frac{1}{4}$	33-45-23-5 14-31-46-23-5 7-23-47-24-5 8-28-47-24-5	Bituminous Bituminous Bituminous Bituminous	1911 1917 1921 1932
282 693 905 1392	Mountain Park Coals, Ltd. Cadomin Coal Co., Ltd. Luscar Coals, Ltd. K-D Collieries, Ltd.	Cadomin Luscar Kaydee				
Nordegg Area						
256	Brazeau Collieries, Ltd.	Nordegg		13-22-40-15-5	Bituminous	1910
Pakowki Area						
602	Wm. Geddes	Little Plume	S.W. $\frac{1}{4}$ S.E. $\frac{1}{4}$	10 11-2-9-5-4 10-23-8-3-4	Domestic Domestic	1915 1929
1318	W. Raeder	Elkwater				
Pekisko Area						
361 1516 1610	Harry Swan G. C. Davies Ernest Payne	Priddis Priddis Calgary	N.W. $\frac{1}{4}$	11-29-3-5 10-4-23-3-5 7-24-19-6-5	Sub-Bituminous Sub-Bituminous Sub-Bituminous	1912 1937 1943
Pembina Area						
419 1409 1945 1592 1595	Lakeside Coals, Ltd. Ganford Coal Co. Pembina Collieries, Ltd. Mount Royal Collieries, Ltd. Yellowknife Trans. Co., Ltd.	Wabamun Ganford Entwistle Edmonton Genesee	L.S. 15 S.E. $\frac{1}{4}$ N.W. $\frac{1}{4}$ E. $\frac{1}{2}$ S.W. Cor. N.W. $\frac{1}{4}$	9-53-4-5 36-53-6-5 34-53-7-5 30-52-4-5 22-50-3-5	Domestic Domestic Domestic Domestic Domestic	1913 1932 1936 1943 1944
Pincher Area						
59	Albert Keith	Lundbreck		15-26-7-2-5	Sub-Bituminous	1902
Prairie Creek Area						
1296	Jasper Coals, Ltd.	Drinnan	N.W. $\frac{1}{4}$	18-51-24-5	Sub-Bituminous	1929
Redcliff Area						
165 772	Gunderson Brick & Coal Co., Ltd. Ajax Coal Co. (J. T. Oliphant)	Redcliff Medicine Hat		14-5-13-6-4 2-5-13-6-4	Domestic Domestic	1908 1918
Rochester Area						
1517 1562	Thorhild Coal Co. Tomlinson & Kazuba	Thorhild Thorhild		12-13-12-60-21-4 1-11-60-21-4	Domestic Domestic	1937 1939
Saunders Area						
388 852	Bighorn & Saunders Creek Coll., Ltd. Alexo Coal Co., Ltd.	Saunders Alexo	S.E. $\frac{1}{4}$ N.W. $\frac{1}{4}$	9-24-40-13-5 9-27-40-13-5	Sub-Bituminous Sub-Bituminous	1913 1920

LIST OF MINES—Continued

Mine No.	Operator	Address	Location L.S.T.R.M.	Character of Coal	Date of	
					Opening	Aban- donment Closing
Sheerness Area						
443	Chinook Coal Co., Ltd.	Sheerness	1-12-29-13-4	Domestic	1914	.....
486	Little Bros.	Hanna	6-29-32-13-4	Domestic	1915	.....
1314	T. E. Stubbs	Hanna	1- 6-29-14-4	Domestic	1929	.....
1398	T. G. Ironside	Scapa	12- 5-34-13-4	Domestic	1932	1944
1401	F. H. Pahl	Hanna	7-30-32-13-4	Domestic	1932	.....
1432	Sheerness Coal Co., Ltd.	Sheerness	5-19-29-12-4	Domestic	1933	.....
1553	John Masciangelo	Della	10-21-30-17-4	Domestic	1939	.....
1597	A. J. Bordula	Hanna	16-12-29-13-4	Domestic	1943	.....
1622	Ironside, T. G.	Scapa	34-33-14-4	Domestic	1944	.....
L.S. 7						
Taber Area						
672	C. J. Lavenne	Bow Island	3-27-12-10-4	Domestic	1916	.....
1334	Continental Coal Corporation, Ltd.	Grassy Lake	4-26- 9-13-4	Domestic	1930	.....
1536	Oliver Coal Mine	Taber	2-18-10-16-4	Domestic	1938	.....
1580	Continental Coal Corporation, Ltd.	Grassy Lake	7- 8-26- 9-13-4	Domestic	1941	.....
1604	Majestic Mines, Ltd.	Taber	12-10-17-4	Domestic	1943	.....
1607	Kenneth Oliver	Taber	12- 7-10-16-4	Domestic	1943	1944
1609	Western Ventures, Ltd.	Taber	30-10-16-4	Domestic	1943	.....
Tofield Area						
215	E. Skarin (Dodds Coal Mine)	Dodds	7-14-49-18-4	Domestic	1909	.....
252	Tofield Coal Co., Ltd.	Tofield	26-50-19-4	Domestic	1910	.....
1107	Black Nugget Coal Co., Ltd.	Dodds	15-11-49-18-4	Domestic	1923	.....
1206	Ryley Coal Company	Ryley	8- 8-49-17-4	Domestic	1925	.....
Wetaskiwin Area						
1534	Peter Gill	Thorsby	2- 7- 3-48-27-4	Domestic	1938	.....
Whitecourt Area						
1569	Alex Watson	Blueridge	16-24-59-11-5	Domestic	1940	.....
1593	A. J. Buxton	Blueridge	12-13-19-59-10-5	Domestic	1943	.....
1612	R. F. Pritchard	Blueridge	13- 2-59-10-5	Domestic	1943	.....
No Area						
1616	G. Sparks	Beaverlodge	Unsurveyed	Domestic	1943	
1619	B. Ainsley & Son	Morley	"	Domestic	1944	

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